




SfE BES

2016

7-9 November
BRIGHTON

Programme



managed by
bioscientifica

ENDORSED BY:



*This meeting was approved
by the Federation of Royal
Colleges of Physicians and
the Royal Society of Biology*



**Society for
Endocrinology**

9 January 2017

OBESITY UPDATE

Royal College of Physicians
London

www.endocrinology.org/events/obesity-update-2017

27 January 2017

NATIONAL CLINICAL CASES

Royal Society of Medicine
London

www.endocrinology.org/events/clinical-cases

20-21 March 2017

ENDOCRINE NURSE UPDATE

Hilton Birmingham
Metropole Hotel, NEC
Birmingham

www.endocrinology.org/events/endocrine-nurse-update

20-22 March 2017

CLINICAL UPDATE

Hilton Birmingham
Metropole Hotel, NEC
Birmingham

www.endocrinology.org/events/clinical-update

SfE BES 2017

6-8 November 2017
Harrogate International
Centre, Harrogate

FIND OUT MORE

Get the latest Society events and training information and new event announcements online

www.endocrinology.org/events

Email us at
@conferences@endocrinology.org

or call us at
+44 (0)1454 642210

THINKING OF BECOMING A MEMBER?

For more information on becoming a member please visit www.endocrinology.org



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Gareth Lavery (Birmingham)
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Robert Semple (Cambridge)
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Kate Hardy (London)

Nils Krone (Birmingham)

Ann Logan (Birmingham)

Konstantinos Manolopoulos (Birmingham)
Early Career Endocrinologists Steering
Group Representative

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Programme key

-  Workshop
-  Symposium
-  Oral Communications
-  Meet the Expert
-  Satellite session
-  Award winners
-  Featured posters
-  Junior poster prizes
-  Nurse session
-  Futures
-  Skills
-  Tea & coffee
-  Breakfast / Lunch

WELCOME

We are delighted to provide you with the programme for the annual Society for Endocrinology BES conference 2016. We are sure that you will share our enthusiasm for the clinical and scientific content of the meeting.

This year's meeting features 12 symposia covering a range of translational topics, starting at 10.30 on Monday. In addition, there will be basic science and clinical Meet the Expert sessions and clinical management workshops (including two 'How do I manage?' sessions: back by popular demand) and, of course, the insightful poster presentations. Clinical case reports have always formed the core of the poster display at SfE BES, and for the first time we are pleased to bring you these as a searchable catalogue of ePosters. The most highly scoring of these Clinical Case reports will also be displayed as featured posters in the exhibition hall. Please take a little time to check-out the ePosters and do feedback how this new feature worked for you.

For PhD students and clinical trainees, we have specific workshops on practical publishing advice, the SCE exam, research funding and developing your endocrinology career. This exciting array of sessions will be crowned by 10 plenary lectures, where medal winners will present their research, including the Society for Endocrinology Jubilee Medal Lecture by Professor Sir Steve Bloom entitled 'Gut & Money, customer shrunk' which takes place 08:30 on Tuesday morning.

Other highlights include the Early Career Endocrinologists' Prize Lectures, two Nurses' sessions, a Senior Endocrinologists' session and the annual debate, which this year features the topical issue of glucocorticoid replacement for adrenal insufficiency.

Remember to join us at the Welcome Reception on Monday evening in the exhibition hall, where drinks and music will provide the ideal setting to catch up with colleagues. Tuesday evening sees the annual conference dinner, in the newly commissioned British Airways i360. Don't forget to book your place and join us for fabulous food and an evening of vibrant entertainment. I'd also like to thank all of our exhibitors and sponsors. Please make the effort to visit their stands in the exhibition hall and attend their satellite sessions being held at lunchtime.

During the conference, please take time to explore Brighton. Apparently there's the sea and some vibrant LGBT venues out there, but we guarantee these won't be half as interesting as the endocrinology.

We welcome you to the Society for Endocrinology BES 2016 and look forward to the best of British and international basic science and translational research, clinical investigation and clinical practice in endocrinology.



Professor Simon Pearce
Chair, Programme Committee,
Society for Endocrinology



Dr Robert Semple
Programme Co-ordinator,
Society for Endocrinology
BES 2016



Professor Gareth Lavery
Programme Co-ordinator,
Society for Endocrinology
BES 2016

GET THE LATEST
INFORMATION...

 #SfEBES2016



All information in this programme is correct at the time of going to print. The conference organisers and the Society for Endocrinology reserve the right to amend speakers and times without notice.

ACKNOWLEDGEMENTS

CORPORATE SUPPORTERS

The Society for Endocrinology would like to thank its corporate supporters for their generous support.

PARTNERSHIP LEVEL



PLATINUM



GOLD



SILVER



Corporate supporters are correct at the time of print.

ACKNOWLEDGEMENTS

ABSTRACT MARKERS

The Programme Committee wishes to thank the abstract markers for marking all of the submissions to this conference.

SPONSORS & EXHIBITORS

In addition to those listed previously, we are grateful to the following companies and organisations who have supported the Society for Endocrinology BES 2016 conference.



ACC Support UK



Addison's Disease Self Help Group



ALD Life



Alexion



Association for Multiple Endocrine Neoplasia Disorders



Besins Healthcare



British Thyroid Foundation



CAH Support Group



DSD Families



Ferring



Hypopara UK



imaging Equipment Limited



International Society of Endocrinology



Internis



Klinefelter's Syndrome Association



Kyowa Kirin Limited



Merck Serono



Novartis Oncology/ Sandoz Biopharmaceuticals



Novo Nordisk



Pituitary Foundation



Strongbridge Biopharma



Turner Syndrome Support Society

WHAT TO EXPECT AT SFE BES 2016

This year's Sfe BES conference is set to be the best yet. We'll be celebrating the Society for Endocrinology's 70th anniversary, hosting initiatives to help you progress your professional career, and providing more opportunities than ever for scientists, clinicians and nurses to share the latest endocrine research, and discuss best practice in the field. Here's what to look out for!

12 SYMPOSIA ... on cutting edge research and practice, such as novel approaches to endocrine neoplasia, advances in the genetic understanding of endocrine disease, and new frontiers for vitamin D.

10 PLENARY LECTURES ... including:

- Professor Sir Stephen Bloom's Jubilee Medal Lecture: 'Gut and money, customer shrunk'
- Professor Henry Kronenberg's Transatlantic Medal Lecture: 'Parathyroid hormone: builder and destroyer of bone'
- Professor Jason Carroll's Society for Endocrinology Medal Lecture: 'Understanding oestrogen receptor gene regulation in breast cancer'.

9 'MEET THE EXPERT' SESSIONS ... exploring hot topics such as endocrine disruptors, the late endocrine effects of cancer treatment, and how to effectively treat endocrine patients in sport.

3 'FUTURES' AND 'SKILLS' SESSIONS ... providing guidance on how to progress to the next stage in your endocrine career. This year you'll be able to get tips on how to avoid common pitfalls in your grant proposals, how to maximise your chances in fellowship applications, and how to find out everything you need to know about the Specialty Certificate Exam.

2 LOUNGES ... for Nurses and Early Career Endocrinologists, providing space to network with colleagues.

1 DEBATE ... looking at the arguments for and against using prednisolone as the first line treatment for glucocorticoid replacement in adrenal insufficiency.

1 CONFERENCE DINNER ... an awards ceremony followed by a dinner to allow you to catch up with colleagues, old and new.

THE SOCIETY AND YOU

The Society for Endocrinology exists to bring the broad community of endocrinologists together – from basic and translational researchers through to clinical practitioners. The Society was founded 70 years ago with the goal of facilitating exchange of knowledge and ideas in our subject and this idea remains just as relevant today.

Our members are at the heart of everything we do. We are proud of our broad and diverse membership of researchers, clinicians, endocrine nurses, and students. You may be surprised to learn that we have members in over 60 countries and that 14% of our members are based outside of the UK. Our members have contributed to major advances in the understanding and treatment of endocrine disorders and have advanced the science that underpins endocrinology.

Our annual meeting of the Sfe BES is the highlight of our year – last year's conference was the most successful ever. We believe that it continues to play a crucial role in the information sharing that helps to advance our discipline. In addition to the formal programme, it is an opportunity to renew old acquaintances and forge some new friendships

We would like to take this opportunity to thank our corporate supporters and exhibitors. They are a hugely important part of our community and their contribution helps to keep registration fees for the conference to a minimum. Please do visit the exhibition and talk to the exhibitors about the latest exciting developments emerging from industry.

We hope you enjoy the conference.



Professor Sir Stephen O'Rahilly
President



Mr Ian Russell
Chief Executive

A WORLD-LEADING
AUTHORITY ON
HORMONES



THE SOCIETY AND YOU

WHO WE ARE

The Society for Endocrinology is a UK-based membership organisation representing a global community of scientists, clinicians and nurses who work with hormones. Since 1946, we have been a leading voice of endocrinology worldwide. Together we aim to improve public health by advancing scientific and clinical endocrine education and research. We also seek to serve the public interest by engaging patients, policy makers, educators and the public with hormone science. Our ambition is to be a world-leading authority on hormones.

WHAT WE DO

The Society is a not-for-profit organisation and a registered charity. It is financially supported primarily through its trading subsidiary Bioscientifica, which publishes the Society journals among other activities. The Society also receives funding from a number of corporate supporters. Funds are used to provide a comprehensive framework of activities that supports our members, advances the discipline and engages wider audiences with endocrinology.

EVENTS AND TRAINING

We support career development through a range of scientific, clinical, nurse and early career events and training, including Clinical Update, National Clinical Cases, Endocrine Nurse Update and the Career Development Workshops, in addition to the annual SFE BES conference.

LEADING
THE WAY IN
ENDOCRINE
EDUCATION,
RESEARCH &
SUPPORT



THE SOCIETY AND YOU

GRANTS, PRIZES AND AWARDS

Most of the Society's funds are distributed through grant schemes, which:

- help our members engage with the public through attending media training workshops or carrying out public engagement activities
- support our members' careers by helping them attend scientific conferences or visit other labs and clinics
- advance our members' research by funding a number of schemes from undergraduate summer studentships to early career grants.

We also recognise and reward success in endocrinology through our programme of medals, prizes and awards.

CLINICAL RESEARCH PROJECTS AND GUIDELINES

The Society conducts a number of UK-wide research and audit projects: the UK Acromegaly Register, the Congenital Adrenal Hyperplasia Adult Study Executive (CaHASE) Apoplexy audit, Transitional Care audit and Post Radioiodine Management of Patients with Grave's Disease (PRAGMA).

We also develop and publish Society guidelines and guidance to advise on diagnosis and management of patients with endocrine disorders.

PUBLIC ENGAGEMENT

Our aim is for the public to have a better understanding of hormones and to make informed decisions about their health as a result. The Society proactively promotes discussion of endocrinology through the media and a programme of public events for adults, school children and families.

Our VALUES

Everything that the Society does is underpinned by three values: engage, support, advance

Engage: we engage our members to build strong links within our sector and the wider scientific community, patient groups, policy makers and the public.

Support: we support our members at every stage of their careers through grants, training, learning resources and networking opportunities.

Advance: we advance scientific and clinical endocrine education and research to improve health and knowledge.

SOCIETY FOR ENDOCRINOLOGY ANNUAL GENERAL MEETING

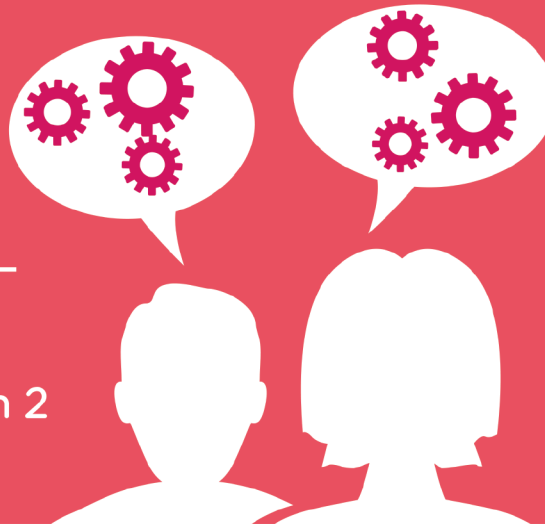
The Society for Endocrinology Annual General Meeting will take place on **Tuesday 8 November at 18:15 in Auditorium 2.**

All Society members are encouraged to attend to hear about past and upcoming initiatives.

Be a part of...

THE SOCIETY FOR ENDOCRINOLOGY ANNUAL GENERAL MEETING 2016

Don't miss your Society's Annual General Meeting! Find out more about the Society's highlights of the past year and plans for the future.



Tuesday 8 November 2016

🕒 18.15 📍 Auditorium 2

We look forward to seeing you there!

WIN A £25 AMAZON VOUCHER AT THE AGM THIS YEAR!

Simply complete the entry form found in your Monday lunch bag and hand it in at the AGM to be entered into the prize draw to win a £25 Amazon voucher.



THE SOCIETY AND YOU

OUR MEMBERS

Society members are part of the global endocrine community. By joining the Society for Endocrinology, you become part of a history of scientific and clinical excellence.

Being part of our community means you are kept at the forefront of developments in endocrinology and are able to benefit from the experiences of your peers, which in turn advances your own professional field.

Many of our members are world-leading endocrinologists; others are just starting out in the field. Regardless of your experience, you will be supported at every stage of your career and have the opportunity to be recognised for your contributions to the specialty.

Our members share the latest knowledge and best practice in endocrinology. In doing so, they expand their professional networks and build successful collaborations worldwide. We recognise that by collaborating within the specialty and the wider scientific community, we are in the strongest position to advance endocrinology.



JOIN US TODAY

For more information about becoming a member of the Society for Endocrinology, visit stand D60/D70 in the Exhibition Hall, Auditorium 1. See www.endocrinology.org/membership for further details or email members@endocrinology.org.

GENERAL INFORMATION

REGISTRATION

The registration desk will be open at the following times:

| | |
|-----------------------------|--------------------|
| Monday 7 November | 09:00–21:00 |
| Tuesday 8 November | 07:30–19:00 |
| Wednesday 9 November | 07:30–17:30 |

SECURITY

Please wear your badge at all times. Entrance will not be permitted to delegates who are not wearing badges. A cloakroom is available for your use. Bioscientifica Ltd, the Society for Endocrinology and the Brighton Centre cannot be held responsible for any belongings.

CATERING

Lunch is included in the cost of registration for Monday, Tuesday and Wednesday, and will be provided in the Exhibition Hall in Auditorium 1. Complimentary tea and coffee will be available on arrival and during scheduled breaks in the Exhibition Hall.

SPEAKERS

The slide preview facility will be located in Office 2, located on the 1st floor next to Auditorium 2, on the eastside. Please visit the speaker registration desk for more information.

Speaker Preview Room opening times:

| | |
|-----------------------------|--------------------|
| Monday 7 November | 09:00–19:00 |
| Tuesday 8 November | 07:30–18:30 |
| Wednesday 9 November | 07:30–17:00 |

POSTERS

ALL POSTERS

All posters will be on display in Auditorium 1 by 13:00 on Monday 7 November and will be available to view until 14:45 on Wednesday 9 November.

All posters must be taken down between 14:45 and 15:00 on Wednesday 9 November; remaining posters will be disposed of.

Odd-numbered posters should be attended during lunchtime on Monday 7 November and even-numbered posters during lunchtime on Tuesday 8 November.

ePosters

During this year's conference there will be a selection of clinical cases presented in an electronic poster (ePoster) format. These clinical cases ePosters cover a range of topics within the field of endocrinology and will be available on the ePoster stations found throughout the Exhibition Hall.

We hope that this new format will ensure that the exposure to these clinical cases is extended past the end of the SfE BES 2016 conference. ePosters will be available to view throughout the meeting, and after the conference on the *Endocrine Abstracts* portal.

Where available, posters can be viewed online at www.endocrine-abstracts.org

JUNIOR POSTERS

All delegates selected to present posters in the Junior Poster session have already been shortlisted for a prize and will be required to attend their poster during the judging at lunchtime on Tuesday 8 November for presentation and discussion. The Early Career Steering Group will be judging these posters.

All prizes will be announced at the Awards Ceremony on Wednesday at 16:45 in Auditorium 2. For more details and poster display information please see page 41.

EARLY CAREER ENDOCRINOLOGISTS'

Early Career Endocrinologists' posters will be judged on Monday 7 November and Tuesday 8 November during lunchtime.

GENERAL INFORMATION

All shortlisted posters should be attended during lunchtime on both Monday and Tuesday for presentation and discussion. Authors of posters, who have been shortlisted further, will be informed by email and on the display screens around the venue on Tuesday 8 November. Early Career Endocrinologists who have been shortlisted for a prize will be required to attend their posters during Wednesday lunchtime for further judging. This will take place in the East Bar corridor. All prizes will be announced at the Awards Ceremony on Wednesday at 16:45 in Auditorium 2.

ENDOCRINE NETWORK MEETINGS

Monday 7 November

Reproductive Endocrinology and Biology
10:45–11:45 Meeting Room 5

Thyroid

15:45–16:45 Meeting Room 5

Tuesday 8 November

Bone and Calcium
12:15–13:00 Meeting Room 5

Endocrine Neoplasia Syndromes

14:30–15:30 Meeting Room 5

Metabolic and Obesity

14:30–15:30 Meeting Room 3

Neuroendocrinology

16:30–17:30 Meeting Room 5

Wednesday 9 November

Adrenal and Cardiovascular
12:00–13:00 Meeting Room 5

Visit us at Stand D60/D70 to find out more and update your Endocrine Network preferences.

OTHER MEETINGS

Times and locations for other meetings arranged during the conference will be

displayed on a notice board by the registration desk.

VENUE FACILITIES

Delegates at SfE BES 2016 have access to free wifi, which will support normal browsing.

Cloakrooms are available in the ground floor foyer and are free of charge. A multi-faith prayer room will also be available throughout the conference in Office 4 located on Level 2. Ask at the registration desk for more information.

EXHIBITION

Don't miss your opportunity to network with your colleagues, reinvigorate existing collaborations or forge new links at the SfE BES exhibition. The exhibition will be open in Auditorium 1 from Monday 7 November through to Wednesday 9 November.

- Discuss your latest research, abstracts or poster presentations
- Engage with exhibitors' ongoing or prospective clinical trials
- Find out about available research support tools and grants
- Learn more about endocrine therapy management
- Enhance your networking opportunities

Our corporate supporters, educational programme sponsors and exhibitors are essential partners in the continuing work of the Society for Endocrinology. Their ongoing investment in Society events and services helps us achieve our goal to be a world-leading authority on hormones.

The exhibition closes at 15:00 on Wednesday. Delegates will not be allowed to access the Exhibition Hall after this time.

GENERAL INFORMATION

CPD APPROVAL

SfE BES 2016 has been approved by the Federation of the Royal Colleges of Physicians of the United Kingdom for 18 category 1 (external) CPD credits. The SfE BES 2016 conference has also been approved by the Royal Society of Biology. For purposes of CPD, this event may be counted as 96 credits.

SfE BES 2016 has been endorsed by the International Society of Endocrinology, as a meeting of high scientific and educational quality.

CERTIFICATE OF ATTENDANCE

Certificates of attendance will be available to print from Wednesday 9 November from the E-badge self-service stations in the registration area. Electronic certificates with CPD accreditation will be made available after the conference. A link to the online evaluation form will be emailed to you once the conference has finished. Once you have completed this form, a certificate of attendance, including CPD points, will be sent by email within 14 working days.

AWARDS



EARLY CAREER* ENDOCRINOLOGISTS' PRIZES

Prizes will be awarded to the two highest scoring oral communications in Oral Communications 1: Early Career on **Monday 7 November at 15:30** in **Auditorium 2**. In addition, there will be four highly commended prizes. All prizes will be presented during the Awards Ceremony on **Wednesday 9 November at 16:45** in **Auditorium 2**.

**Early Career Endocrinologists are either up to 10 years postdoc or up until completion of clinical training (Scientist-in-Training and Clinician-in-Training Members, respectively)*



SFE JUNIOR POSTER PRIZES

SfE BES 2016 will feature dedicated Junior Poster Prizes, designed specifically to showcase the up-and-coming talents of our Student Members.

Two highly commended certificates and one winner will be awarded for both Clinical and Basic Junior Posters. The certificates will be presented at the Awards Ceremony by the Chair of the Programme Committee.



AMEND YOUNG INVESTIGATOR AWARD

This award is run by the Association for Multiple Endocrine Neoplasia Disorders (AMEND) in association with the Society for Endocrinology. The award is presented to the first author of the highest scoring abstract in the 'Neoplasia, cancer and late effects' category.

This year's winner is **Donato Iacovazzo** (London) for '*A missense mutation in the islet-enriched transcription factor MAFA leads to familial insulinomatosis and diabetes*'. This will be presented as OC1.5 in Oral Communications 1: Early Career session on **Monday 7 November** in **Auditorium 2**.



ANNETTE LOUISE SEAL AWARD

The Addison's Disease Self-Help Group will present the Annette Louise Seal Memorial Award, with a prize of £500 for the nursing abstract which best advances the clinical management of steroid replacement therapy or adrenal insufficiency, where the first author is a nurse. Abstracts may cover any aspect of adrenal crisis prevention and treatment, the management and monitoring of steroid replacement therapy or associated patient education.

This year's winner is **Veronica Kieffer** (Leicester) for '*Steroid Replacement Education: Are We Getting It Right?*'. This year's second place award winner is **Deborah Papadopoulou** (London) for '*Prednisolone and fludrocortisone as once daily treatment following adrenalectomy*'.

AWARDS



CLINICAL ENDOCRINOLOGY TRUST PRIZES

The Clinical Endocrinology Trust (CET) is an independent body that utilises profits from the publication of *Clinical Endocrinology* to support the development of endocrinology and the education of students and specialists.

The Clinical Endocrinology Trust is pleased to support the following Plenary Lectures:

Clinical Endocrinology Trust Visiting Professor Lecture

The CET Visiting Professor Lecture will take place on **Wednesday 9 November at 15:45** in **Auditorium 2**. The CET Visiting Professor, **Martin Reincke** (Munich, Germany) will present on *Genomics and Steroidobolomics in Cushing's syndrome: the perspective of a clinician scientist*.

Clinical Endocrinology Trust Lecture

The CET Lecture will take place on **Wednesday 9 November at 16:15** in **Auditorium 2**. The CET Lecturer, **John Achermann** (London), will present on *Endocrine development is for life: looking beyond paediatrics*

The winners of the Clinical Endocrinology Trust prizes are as follows:

Top-scoring clinical abstract:

ORAL COMMUNICATIONS 3: Thyroid and Neoplasia Tuesday 8 November 16:15–17:45
PRESENTING AUTHOR: Nadia Schoenmakers
TITLE: Frequent Occurrence of DUOX2 and DUOX2 Mutations in Cases with Borderline Bloodspot Screening TSH who Develop 'True' Congenital Hypothyroidism

Top-scoring basic science abstract:

ORAL COMMUNICATIONS 1: Early Career Monday 5 November 15:30–17:00
PRESENTING AUTHOR: Manu Verma
TITLE: 11 β -HSD1 deficiency modulates brain energy homeostasis during acute systemic inflammation.

Top-scoring Nursing Practice abstract:

PRESENTING AUTHOR: Michael Tadman
TITLE: Somatostatin analogue tolerability testing in the management of Neuro Endocrine Tumours (NETs), a single centre review of practice.



BRITISH THYROID ASSOCIATION AWARD

The British Thyroid Association is delighted to award this prize to a young researcher who has submitted a high quality abstract in the 'Thyroid' category.

This year's winner is **Alice Fletcher** for *'Identification of novel sodium iodide symporter (NIS) interactors which modulate iodide uptake'*. This will be presented as OC3.4 in Oral Communications 3: Thyroid and Neoplasia on **Tuesday 8 November** in **Syndicate 1**.

AWARDS



EARLY CAREER* ENDOCRINOLOGISTS' PRIZE LECTURES

The winners of the SfE Prize Lectures will give their presentations on **Tuesday 8 November from 09:00** in **Auditorium 2**.

Basic Science Prize winner:

Eleanor Raffan (Cambridge) will present *'Woofing it down – lessons on the neurobiology of appetite from man's best friend'*

Clinical Prize winner:

Tim Korevaar (The Netherlands) will present *'Interpretation of gestational thyroid function measurements: Clinical risks and physiological considerations'*

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Clinical Cases Poster Prize

- This prize is provided by the Society for Endocrinology in association with *Endocrinology, Diabetes & Metabolism Case Reports*. The winner will be awarded £200 and will be entitled to publish their case for free in the open-access resource *EDM Case Reports*, which publishes insightful case reports in all areas of clinical endocrinology, diabetes and metabolism (standard publication charge £350).
- The top 10 featured clinical cases will be under review at the meeting to determine a winning poster.
- The winning case report will be subject to peer review, therefore ultimate publication cannot be guaranteed.



SOCIETY FOR ENDOCRINOLOGY JOURNAL AWARDS

The Society for Endocrinology Annual Journal Awards will be presented to the authors of papers of the highest standard published in *Journal of Endocrinology*, *Journal of Molecular Endocrinology*, *Endocrine-Related Cancer*, *Clinical Endocrinology* and *Endocrine Connections*.

Selection was made by the journal editorial boards followed by ratification by the Chair of the Publications Committee. One award has been made per journal. The awards recognise excellence in endocrinology research and practice, and their contribution to the wider biomedical and biological sciences field. There is an enormous amount to celebrate with outstanding work being carried out internationally. The papers we publish are testament to the quality, dedication and innovation in service to endocrinology. A nominated author from each group will receive their certificate at the Conference Dinner.

GET THE LATEST INFORMATION...

#SfEBES2016



WELCOME RECEPTION

Monday 7 November 2016

19:15, Exhibition Hall, Auditorium 1

Join your fellow delegates for drinks and snacks in the Exhibition Hall at the The Brighton Centre. This is a great introduction to the conference, and opportunity to engage with the corporate supporters.

EARLY CAREER* DINNER AND QUIZ

Monday 7 November 2016

19:45, The Restaurant,
The Brighton Centre, Third Floor

Join your fellow Early Career Endocrinologists* for an evening of fun, drinks and dinner. Tickets are free to Early Career Endocrinologists but must be booked in advance as there is limited availability. Please inform us if you select this at the time of registration, but no longer plan to attend this free activity.

If you have not arrived by 20:00 your space could be given to those on the waiting list.

CONFERENCE DINNER AND AWARDS CEREMONY

Tuesday 8 November 2016

19:30, British Airways i360

Join fellow delegates for this year's Conference Dinner at Brighton's newest attraction, the British Airways i360. This provides a great opportunity to relax and dine with your friends and colleagues. Awards will be presented to the Society for Endocrinology Dale medallist, Jubilee medallist and journal award winners (note all other awards will be presented after their talk).

Please ensure you arrive promptly at 19:30 and the pre-dinner drinks will include a trip up the viewing tower. Delegates must make their own way to British Airways i360, which is a four minute walk from The Brighton Centre.

Tickets £60.00 (Early Career Endocrinologists* and Concessionaries £40.00). Tickets must be booked in advance. Please ask at registration desk for availability

Please ensure you have advised us of any dietary requirements prior to the evening.

**Early Career Endocrinologists are either up to 10 years postdoc or up until completion of clinical training (Scientist-in-Training and Clinician-in-Training Members, respectively).*




Sfe BES

6-8 November
HARROGATE

2017

GET THE LATEST
INFORMATION...

 #SfeBES2017

Save
the date



managed by
bioscientifica

For more information visit:
www.endocrinology.org/events

GET INVOLVED

Get involved
online at
SfE BES 2016!

Whether it's Twitter, Facebook or other forms of social media, we want you to stay up-to-date, discuss the latest conference news and make the most of virtual networking this year. You can find our social media policy on page 87.

 www.twitter.com/Soc_Endo

 www.facebook.com/societyforendocrinology

Join the
CONVERSATION!

Tweeting about SfE BES 2016?
Remember to use **#SfEBES2016**

INFORMATION ON THE GO

Maximise your time at SfE BES 2016 with the SfE BES 2016 mobile website, giving you fast and simple access to sessions, speakers, abstracts, exhibitors, networking, social media and more! The mobile website is completely free and is available for Apple, Android and Blackberry devices. Accessing the mobile website is easy!

HOW TO GET THE MOBILE WEBSITE ON YOUR DEVICE

STEP 1: QR CODE

Do you have a barcode scanner on your device? Simply scan this QR code to be directed straight to the mobile website. A barcode scanner can easily be downloaded from your app-store.



OR

WEB SEARCH

Type the following link <http://sfebes2016.endocrinology.org> into your device's browser. The link will automatically direct you to the mobile website.

STEP 2:

On your mobile device bookmark the URL and add a shortcut on your home screen. You will now be able to use the web application offline.

MONDAY 7 NOVEMBER
Scientific programme

09:00-21:00

Registration

Symposium 1

10:30-12:00

SYNDICATE 1

10:30

S1.1

11:00

S1.2

11:30

S1.3

CHALLENGES IN PITUITARY DISEASE

Chairs: Claire Higham (Manchester) & Craig Parkinson (Ipswich)

How to manage patients with acromegaly and discordant GH and IGF-1 results

Peter Trainer (Manchester)

Protons and the Pituitary: Who to treat and how it works

Ed Smith (Manchester)

Quality of life in patients with pituitary disease

Niki Karavitaki (Birmingham)

Symposium 2

10:30-12:00

SYNDICATE 3

10:30

S2.1

11:00

S2.2

11:30

S2.3

GRAPPLING WITH THE FUTURE OF
ANTI-INFLAMMATORY STEROIDS

Next generation therapeutic strategies to improve the risk/benefit ratio of glucocorticoid drugs in inflammatory disease

Chairs: Mark Nixon (Edinburgh) & David Ray (Manchester)

Designer drugs: uncoupling the beneficial and harmful effects of glucocorticoids

Karolien DeBosscher (Ghent, Belgium)

Combination therapies that lighten the glucocorticoid load

Rob Newton (Calgary, Canada)

Effective delivery of anti-inflammatory glucocorticoids is a matter of timing

Julie Gibbs (Manchester)

Symposium 3

10:30-12:00

AUDITORIUM 2

10:30

S3.1

11:00

S3.3

11:30

S3.2

OSTEOPOROSIS: TRANSLATING THE NEW BONE BIOLOGY
The science of osteoporosis treatment

Chairs: Fadil Hannan (Liverpool) & Henry Kronenberg (Cambridge, USA)

Supported by *Journal of Endocrinology* and Turner Syndrome Support Society (UK)

The new bone biology

Duncan Bassett (London)

Inhibiting cathepsin K

Bente Langdahl (Aarhus, Denmark)

Targeting Wnt signalling in osteoporosis

Socrates Papapoulos (Leiden, the Netherlands)

MONDAY 7 NOVEMBER

Scientific programme

Practical Publishing Advice Workshop

10:30–12:00
SYNDICATE 4

PRACTICAL PUBLISHING ADVICE WORKSHOP

Chair: Maralyn Druce (London)

10:30
PPAW1.1

Introduction
Maralyn Druce (London)

10:35
PPAW1.2

The art of scientific writing
Maralyn Druce (London)

10:50
PPAW1.3

The peer review process and responding to reviewer comments
Colin Farquharson (Edinburgh)

11:05
PPAW1.4

Publishing ethics – fabrication, falsification and plagiarism
Chris McCabe (Birmingham)

11:20
PPAW1.5

How to increase the impact of your article
Victoria Merriman (Bristol)

11:35
PPAW1.6

Question & answer session



Futures 1

12:15–13:00
SYNDICATE 4

MY FUTURE CAREER IN ENDOCRINOLOGY?

Planning an endocrine career
Chair: Brian Walker (Edinburgh)



12:15
FUT1.1

What has endocrinology done for me?
Karim Meeran (London)

12:25
FUT1.2

Endocrine careers: a trainee's view
Christine May (Birmingham)

12:35
FUT1.3

Why, where and when to do endocrinology research
Stephen O'Rahilly (Cambridge)

Skills 1

12:15–13:00
SYNDICATE 1

SCE ENDOCRINOLOGY: EVERYTHING YOU WANTED TO KNOW BUT WERE AFRAID TO ASK

Chairs: Konstantinos Manolopoulos (Birmingham) & Marie Freel (Glasgow)



12:15
SK1.1

SCE endocrinology: everything you wanted to know but were afraid to ask
Mark Gurnell (Cambridge)

Meet the Expert 1

12:15–13:00
SYNDICATE 3

EXTRACELLULAR VESICLES IN HEALTH AND DISEASE

Novel signalling mechanisms
Chair: Charlotte Lawson (London)



Supported by *Clinical Endocrinology*

12:15
MTE1

Extracellular vesicles in health and disease
Chris Gardiner (London)

MONDAY 7 NOVEMBER

Scientific programme

Meet the Expert 2

12:15–13:00
AUDITORIUM 2

SOCIETY FOR ENDOCRINOLOGY GUIDANCE ON THE LATE ENDOCRINE EFFECTS OF CANCER TREATMENT

Chair: Andy Toogood (Birmingham)

Supported by *Clinical Endocrinology*



12:15
MTE2

Society for Endocrinology guidance on the late endocrine effects of cancer treatment
Helen Simpson (Cambridge)

13:00–14:15

LUNCH & POSTER VIEWING

EXHIBITION HALL, AUDITORIUM 1



13.15–14.15

INDUSTRY-SPONSORED SATELLITE SYMPOSIA

(full details can be found on page 70)



Plenary Lecture 1

14:15–14:45
AUDITORIUM 2

SOCIETY FOR ENDOCRINOLOGY MEDAL LECTURE

Chair: Karen Chapman (Edinburgh)

14:15
PL1

Understanding oestrogen receptor gene regulation in breast cancer
Jason Carroll (Cambridge)



Plenary Lecture 2

14:45–15:15
AUDITORIUM 2

SOCIETY FOR ENDOCRINOLOGY INTERNATIONAL LECTURE

Chair: Simon Pearce (Newcastle upon Tyne)

14:45
PL2

From Genetic and Genomic to the patient
Mercedes Robledo (Madrid, Spain)



Symposium 4

15:30–17:00
SYNDICATE 1

ADVANCES IN THE GENETIC UNDERSTANDING OF ENDOCRINE DISEASE

Chairs: Anna Mitchell (Newcastle upon Tyne) & Paul Newey (Dundee)



15:30
S4.1

New insights in molecular genetics of congenital adrenal hyperplasia
Nils Krone (Sheffield)

16:00
S4.2

Applying new developments in the genetic understanding of inherited pituitary adenoma
Albert Beckers (Liège, Belgium)

16:30
S4.3

Somatic mutations and remodelling in hyperaldosteronism
Morris Brown (Cambridge)

MONDAY 7 NOVEMBER

Scientific programme

Symposium 5

15:30–17:00
SYNDICATE 3

NEW FRONTIERS FOR VITAMIN D

Chair: Ivan Hernandez (Birmingham) & Claire Wood (London)

15:30
S5.1

'Free vitamin D': another twist in the vitamin D story?
Martin Hewison (Birmingham)

16:00
S5.2

Vitamin D and brain development
Daryl Eyles (Brisbane, Australia)

16:30
S5.3

Prevention and management of nutritional rickets; a 21st century approach
Wolfgang Högler (Birmingham)



Symposium 6

15:30–17:00
SYNDICATE 4

WHY ENDOCRINOLOGISTS SHOULD PAY ATTENTION TO GUT FEELINGS

Chairs: Kevin Murphy (London) & Mariana Norton (London)

Supported by Endocrine Connections

15:30
S6.1

The vicious cycle of immune dysregulation and obesity
Donal O'Shea (Dublin, Ireland)

16:00
S6.2

New links between the gut endocrine system and the nervous system
Diego Bohorquez (Durham, USA)

16:30
S6.3

Metabolic surgery: how to choose the correct bariatric surgical option
Francesco Rubino (London)



Oral Communications 1

15:30–17:00
AUDITORIUM 2

EARLY CAREER

Six oral communications from selected abstracts submitted by delegates

Chairs: Chris McCabe (Birmingham) & Wiebke Arlt (Birmingham)

15:30
OC1.1

Mutations in SGPL1, encoding sphingosine-1-phosphate lyase, cause a novel form of primary adrenal insufficiency with steroid resistant nephrotic syndrome
Rathi Prasad (London)

15:45
OC1.2

11 β -HSD1 deficiency modulates brain energy homeostasis during acute systemic inflammation
Manu Verma (Edinburgh)

16:00
OC1.3

Investigating the interaction between KNDy peptides on gonadotrophin release in humans – novel findings with therapeutic importance
Shakunthala Narayanaswamy (London)

16:15
OC1.4

The urinary steroid metabolome as a non-invasive tool to stage non-alcoholic fatty liver disease
Ahmad Moolla (Oxford)



MONDAY 7 NOVEMBER

Scientific programme

16:30
OC1.5

A missense mutation in the islet-enriched transcription factor MAFA leads to familial insulinomatosis and diabetes
Donato Iacovazzo (London)

16:45
OC1.6

A time controlled β -cell specific mouse model Men1L/L/RIP2-CreER for pancreatic neuroendocrine tumours (NETs)
Roeland P Vas Nunes (Oxford)

17:00–17:30

TEA & COFFEE

EXHIBITION HALL, AUDITORIUM 1



Plenary Lecture 3

17:30–18:00
AUDITORIUM 2

SOCIETY FOR ENDOCRINOLOGY STARLING MEDAL LECTURE

Chair: Karen Chapman (Edinburgh)

17:30
PL3

Breaking NAD⁺: Vitamin B3 salvage and metabolism in metabolic health
Gareth Lavery (Birmingham)



Plenary Lecture 4

18:00–18:30
AUDITORIUM 2

SOCIETY FOR ENDOCRINOLOGY DALE MEDAL LECTURE

Chair: Graham Williams (London)

18:00
PL4

The ever changing facets of Cushing's syndrome
Paul Stewart (Leeds)



Debate

18:30–19:15
AUDITORIUM 2

THIS HOUSE BELIEVES THAT PREDNISOLONE SHOULD BE THE FIRST LINE OF TREATMENT FOR GLUCOCORTICOID REPLACEMENT IN ADRENAL INSUFFICIENCY

Chair: Jeremy Tomlinson (Oxford)

18:30
D1.1

FOR
Karim Meeran (London)

18:50
D1.2

AGAINST
Stafford Lightman (Bristol)

19:15

WELCOME RECEPTION

EXHIBITION HALL, AUDITORIUM 1

19:45–22:00

THE RESTAURANT AT
THE BRIGHTON CENTRE

EARLY CAREER DINNER & QUIZ

Ticketed event

TUESDAY 8 NOVEMBER

Scientific programme



07:30–19:00

REGISTRATION**Plenary Lecture 5**

08:30–09:00

AUDITORIUM 2

08:30

PL5

**SOCIETY FOR ENDOCRINOLOGY
JUBILEE MEDAL LECTURE**

Chair: Barbara McGowan (London)

Gut & money, customer shrunk

Steve Bloom (London)

**Prize Lectures**

09:00–10:00

AUDITORIUM 2

09:00

ECP1.1

09:30

ECP1.2

EARLY CAREER ENDOCRINOLOGISTS' PRIZE LECTURES

The Society awards two prizes to Early Career Endocrinologists, one basic science and one clinical

Chairs: Barbara McGowan (London) & Karen Chapman (Edinburgh)

Basic Science: Woofing it down – lessons on the neurobiology of appetite from man's best friend

Eleanor Raffan (Cambridge)

Clinical: Interpretation of gestational thyroid function measurements: clinical risks and physiological considerations

Tim Korevaar (Rotterdam, The Netherlands)

10:00–10:30

EXHIBITION HALL, AUDITORIUM 1

TEA & COFFEE**Symposium 7**

10:30–12:00

SYNDICATE 1

10:30

S7.1

11:00

S7.2

11:30

S7.3

HORMONES THROUGH THE AGES

Hormonal changes from childhood to old age

Chairs: Kim Jonas (London) & Paul Newey (Dundee)

Testosterone and the HPG axis in the ageing male

Fred Wu (Manchester)

Thyroid and ageing

Diana Van Heemst (Leiden, The Netherlands)

Glucocorticoids and the ageing brain

Joyce Yau (Edinburgh)

**Clinical Management Workshop 1**

10:30–12:00

AUDITORIUM 2

10:30

CMW1.1

11:00

CMW1.2

11:30

CMW1.3

ENDOCRINOLOGY AT THE EDGE OF THE REFERENCE RANGE

Chairs: Paul Newey (Dundee) & Antonia Brooke (Exeter)

Supported by *Endocrinology, Diabetes & Metabolism Case Reports* and *Clinical Endocrinology*

Normocalcaemic hyperparathyroidism – treat or discharge?

Graham Leese (Dundee)

Low testosterone and normal gonadotrophins. Who, when and how to treat?

Richard Quinton (Newcastle upon Tyne)

Mild glucocorticoid autonomy and the adrenal nodule: medical or surgical management?

John Newell-Price (Sheffield)



TUESDAY 8 NOVEMBER

Scientific programme

Early Career Symposium

10:30-12:00

SYNDICATE 3

10:30

EC1.1

LAUNCHING YOUR CAREER, WHATEVER IT MAY BE

Chairs: Nyo Nyo Tun (Edinburgh) & Craig Doig (Birmingham)

Opportunities for developing your transferrable skills with the Society for Endocrinology
Chris McCabe (Birmingham)

10:45

EC1.2

A career in professions allied to science and medicine
Victoria Cabrera-Sharp (Oxford)

11:00

EC1.3

How to combine an academic career as an NHS clinician
Barbara McGowan (London)

11:15

EC1.4

The route to floristry via medicine
Anna Mitchell (Newcastle upon Tyne)

11:30

EC1.5

Rejection from Tesco - how to make your PhD work
Samantha Mirczuk (London)

Nurse Session 1

10:30-12:00

SYNDICATE 4

10:30

N1.1

PREPARING FOR ENDOCRINE PREGNANCIES

Pre-conception to post-delivery care

Chair: Nikki Kieffer (Leicester) & Frances Kay (Brighton)

Congenital Adrenal Hyperplasia
Eleni Daniel (Sheffield)

11:00

N1.2

Thyroid
Kristien Boelaert (Birmingham)

11:30

N1.3

Prolactinoma
Aled Rees (Cardiff)

Meet the Expert 3

12:00-12:45

SYNDICATE 1

12:00

MTE3

SPORT - HOW TO SUPPORT ENDOCRINE PATIENTS IN SPORT: FROM RECREATION TO OLYMPICS

Chair: Nishan Guha (Oxford)

Supported by Clinical Endocrinology

Sport - how to support endocrine patients in sport: from recreation to Olympics

Rob Andrews (Bristol)

Meet the Expert 4

12:00-12:45

SYNDICATE 3

12:00

MTE4

REAL-TIME METABOLOMICS IN CLINICAL SETTINGS

Chair: Ruth Andrew (Edinburgh)

Supported by Clinical Endocrinology

I-Knife® technology - *in vivo* diagnostics
Zsolt Bodai (London)



TUESDAY 8 NOVEMBER

Scientific programme

Meet the Expert 5

12:00-12:45

AUDITORIUM 2

12:00

MTE5

NUTRITIONAL SUPPORT POST BARIATRIC SURGERY

Nutritional support post bariatric surgery
Barbara McGowan (London)

Futures 2

12:00-12:45

SYNDICATE 4

12:00

FUT2.1

MAPPING YOUR ROUTE THROUGH THE RESEARCH FUNDING MAZE

Chair: Wiebke Artl (Birmingham)

Starter grants and building your pilot data
Roland Stimson (Edinburgh)

12:15

FUT2.2

A view from the funding body: avoiding pitfalls in grant applications
Helen Thompson (London)

12:30

FUT2.3

Maximising your chances in fellowship applications; Writing and interviewing
Brian Walker (Edinburgh)

12:45-14:15

EXHIBITION HALL, AUDITORIUM 1

LUNCH & POSTER VIEWING

13:00-14:00

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

(full details can be found on page 71)

Symposium 8

14:15-15:45

SYNDICATE 3

14:15

S8.1

THYROID HORMONE: THE JOURNEY FROM CELL SURFACE TO ACTION

Chairs: Graham Williams (London) & Vicki Smith (Birmingham)

Supported by Journal of Molecular Endocrinology

Thyroid hormone transport into target tissues
Heike Heuer (Düsseldorf, Germany)

14:45

S8.2

Thyroid hormone metabolism in target tissues
Monica Dentice (Napoli, Italy)

15:15

S8.3

Thyroid hormone receptor localisation in target tissues
Lizabeth Allison (Williamsburg, USA)



TUESDAY 8 NOVEMBER

Scientific programme

Clinical Management Workshop 2

ADRENAL INSUFFICIENCY AND CONGENITAL ADRENAL HYPERPLASIA (CAH)

14:15-15:45
AUDITORIUM 2

Chairs: Katherina Lang (Birmingham) & Brian Walker (Edinburgh)
Supported by ALD Life, Addison's Disease Self Help Group and *Clinical Endocrinology*

14:15
CMW2.1
Dynamic control of tissue glucocorticoids and its implications for replacement therapy
Brian Walker (Edinburgh)

14:45
CMW2.2
Adrenal crisis and outcome of Addison's disease
Stephanie Hahner (Wurtzberg, Germany)

15:15
CMW2.3
Outcome in CAH around the globe
Miguel De Bono (Sheffield)

Nurse Session 2

MALE FERTILITY

14:15-15:45
SYNDICATE 4

Paediatric to adult
Chairs: Sofia Llahana (London) & Lisa Shepherd (Birmingham)
Supported by The Klinefelter's Syndrome Association

14:15
N2.1
Male puberty and spermatid development
Kate Davies (London)

14:45
N2.2
Primary infertility
Elizabeth Williamson (London)

15:15
N2.3
Secondary infertility
Andrew Dwyer (Lausanne, Switzerland)

Oral Communications 2

14:15-15:45
SYNDICATE 1

NEUROENDOCRINOLOGY AND REPRODUCTION

Six oral communications from selected abstracts submitted by delegates
Chairs: Stephen Franks (London) & Steve Hillier (Edinburgh)

14:15
OC2.1
Kisspeptin, a neuroendocrine modulator of sexual and emotional processing in men
Alexander Comninou (London)

14:30
OC2.2
MLE4901, a neurokinin 3 receptor antagonist, shows reproductive tract effects and sustained pharmacodynamic activity consistent with HPG suppression after 13 weeks of oral administration in dogs
Stephen Hunt III (Ann Arbor, USA)

14:45
OC2.3
Associations between karyotype and long term health outcomes in adults with Turner Syndrome; The Turner Syndrome Life Course Project
Antoinette Cameron-Pimblett (London)

15:00
OC2.4
Heteromers of luteinising hormone and follicle stimulating hormone receptor positively and selectively modulates the LH-induced calcium signalling response
Kim Jonas (London)



TUESDAY 8 NOVEMBER

Scientific programme

15:15
OC2.5
Ipilimumab Hypophysitis - single centre experience of an emerging endocrine diagnosis
Lai Zhuangming Marc (London)

15:30
OC2.6
Dysregulation of the steroidogenic gene network in granulosa cells from women with PCOS
A Lerner (London)

TEA & COFFEE

15:45-16:15
EXHIBITION HALL, AUDITORIUM 1

Symposium 9

16:15-17:45
SYNDICATE 4

EXPOSING THE SINS OF OUR FATHERS (AND MOTHERS)

Early life programming of disease risk: mechanisms and consequences
Chairs: Steve Franks (London) & Andrew Childs (London)

16:15
S9.1
Maternal nutrition, epigenetics and foetal development
Tom Flemming (Southampton)

16:45
S9.2
Epigenetic mechanisms in the transgenerational transmission of disease risk - myth or reality?
Amanda Drake (Edinburgh)

17:15
S9.3
Life course influences on health: evidence from human studies
Robin Beaumont (Exeter)

Clinical Management Workshop 3

16:15-17:45
AUDITORIUM 2

HOW DO I ...

Chairs: Marie Freel (Glasgow) & Christine May (Birmingham)
Supported by *Endocrinology, Diabetes & Metabolism Case Reports* and *Clinical Endocrinology*

16:15
CMW3.1
How do I approach drug-induced hyperprolactinaemia?
Paul Newey (Dundee)

16:30
CMW3.2
How do I rule out insulinoma?
Helen Simpson (Cambridge)

16:45
CMW3.3
How do I titrate testosterone therapy?
Pierre Bouloux (London)

17:00
CMW3.4
How do I manage refractory hypercalcaemia?
Jeremy Turner (Norwich)

17:15
CMW3.5
How do I prepare a patient for phaeo surgery?
Amir Sam (London)

17:30
CMW3.6
How do I determine cortisol deficiency in the critically ill patient?
Jeremy Tomlinson (Oxford)



TUESDAY 8 NOVEMBER

Scientific programme

Oral Communications 3

16:15-17:45
SYNDICATE 1

16:15
OC3.1

THYROID AND NEOPLASIA

Six oral communications from selected abstracts submitted by delegates

Chairs: Peter Taylor (Cardiff) & Bijay Vaidya (Exeter)

Frequent occurrence of DUOX2 and DUOX2 mutations in cases with borderline bloodspot screening TSH who develop 'true' congenital hypothyroidism

Nadia Schoenmakers (Cambridge)

16:30
OC3.2

Pharmacological enhancement of radioiodine uptake through Src kinase inhibition

Vicki Smith (Birmingham)

16:45
OC3.3

Post-radioiodine Graves' management: The Pragma-Study

Petros Perros (Newcastle upon Tyne)

17:00
OC3.4

Identification of novel sodium iodide symporter (NIS) interactors which modulate iodide uptake

Vasileios Chortis (Birmingham)

17:15
OC3.5

Identification of murine neuroendocrine tumour (NET) cell binding peptides identified through phage display

Alice Fletcher (Birmingham)

17:30
OC3.6

Oestrogens Stimulate Proliferation in Colorectal Cancer via GPER and the Hippo signalling pathway

Mark Stevenson (Oxford)

Oral Communications 4

16:15-17:45
SYNDICATE 3

16:15
OC4.1

ADRENAL AND STEROIDS

Six oral communications from selected abstracts submitted by delegates

Chairs: Scott MacKenzie (Glasgow) & Martin Reincke (Munich, Germany)

Novel brain biomarkers of cognitive abnormalities identified in patients with congenital adrenal hyperplasia

Emma A Webb (Birmingham)

16:30
OC4.2

Nicotinamide riboside and cellular NAD⁺ redox state influence 11 β -HSD1 mediated glucocorticoid regeneration in skeletal muscle cells

Yasir Elhassan (Birmingham)

16:45
OC4.3

Genome wide ChIP-Seq analysis of Glucocorticoid Receptor and RNA Polymerase 2 binding in rat liver during physiological and non-physiological corticosterone replacement.

Benjamin P. Flynn (Bristol)

17:00
OC4.4

A Single Nucleotide Polymorphism in the BACH2 Gene Contributes to Susceptibility to Autoimmune Addison's Disease in UK and Norwegian cohorts

Agnieszka Pazderska (Newcastle upon Tyne)



TUESDAY 8 NOVEMBER

Scientific programme

17:15
OC4.5

ARID1a is required for regulation of a subset of glucocorticoid target genes involved in cell-cycle and p53 pathway regulation
Felicity E. Stubbs (Bristol)

17:30
OC4.6

Demographics of adrenal incidentaloma - results from an international prospective multi-centre study in 2190 patients
Irina Bancos (Rochester)

Plenary Lecture 6

17:45-18:15
AUDITORIUM 2

SOCIETY FOR ENDOCRINOLOGY EUROPEAN MEDAL LECTURE

Chair: Stephen O'Rahilly (Cambridge)

17:45
PL6

Towards metabolic precision medicines for obesity and type 2 diabetes
Matthias Tschöp (Munich, Germany)



18:15-19:00
AUDITORIUM 2

SOCIETY FOR ENDOCRINOLOGY AGM

19:30
BRITISH AIRWAYS i360

CONFERENCE DINNER

Ticket only event
Starts promptly at 19:30

WEDNESDAY 9 NOVEMBER

Scientific programme

07:30-17:30

REGISTRATION**Plenary Lecture 7**

08:30-09:00

AUDITORIUM 2

**SOCIETY FOR ENDOCRINOLOGY
TRANSATLANTIC MEDAL LECTURE***Chair: Simon Pearce (Newcastle upon Tyne)*

Supported by Hypopara UK

08:30

PL7

Parathyroid hormone: builder and destroyer of bone*Henry Kronenberg (Boston, USA)***Plenary Lecture 8**

09:00-09:30

AUDITORIUM 2

**BRITISH THYROID ASSOCIATION
PITT-RIVERS LECTURE***Chair: Mark Vanderpump (London)*

Supported by The Clinical Endocrinology Trust

09:00

PL8

Thyroid hormone: far reaching consequences of local actions*Graham Williams (London)***Symposium 10**

09:45-11:15

AUDITORIUM 2

CLINICAL THYROIDOLOGY UPDATE*Chairs: Jackie Gilbert (London) & Julian Waung (London)*

09:45

S10.1

Thyroid incidentalomas: US, CT, MR and PET*Petros Perros (Newcastle upon Tyne)*

10:15

S10.2

Thyroiditis: post-partum, subacute and new drugs*Mark Vanderpump (London)*

10:45

S10.3

Sick euthyroid syndrome*Anita Boelen (Amsterdam, The Netherlands)***Symposium 11**

09:45-11:15

SYNDICATE 1

**DIABETES MELLITUS - IT'S ALL ABOUT
THE BETA CELL, STUPID!****Islet beta-cell failure in type 2 diabetes***Chairs: Neil Hanley (Manchester) & Ali Chakera (Brighton)*Supported by *The Journal of Endocrinology*

09:45

S11.1

Genetic causes of impaired insulin secretion in type 2 diabetes*Sof Andrikopoulos (Melbourne, Australia)*

10:15

S11.2

Beta-cell adaptation and failure during progression of type 2 diabetes*Ross Laybutt (Sydney, Australia)*

10:45

S11.3

The role of mitochondrial metabolism in the control of insulin secretion*Hindrik Mulder (Lund, Sweden)*

WEDNESDAY 9 NOVEMBER

Scientific programme

09:45–11:15
SYNDICATE 4

SENIOR ENDOCRINOLOGISTS' SESSION

Chairs: Paul Belchetz (Leeds) & Ian Mason (Edinburgh)

09:45
SE1.1

Difficult hyponatraemia – does the 'sick cell syndrome' exist?
Geoff Gill (Liverpool)

10:05
SE1.2

Conservation endocrinology – what, are there more than two species to consider?
Alan McNeilly (Edinburgh)

10:25
SE1.3

Gut dysbiosis in hypertension: historical perspective
John Honour (London)

10:45
SE1.4

On gonads and gadflies: the oestrus angle
Steve Hillier (Edinburgh)

Applied Physiology Workshop 1

09:45–11:15
SYNDICATE 3

ENDOCRINOLOGY ON SAFARI: USING COMPARATIVE BIOLOGY TO UNRAVEL THE COMPLEXITIES OF ENDOCRINE PHYSIOLOGY

Chair: Samantha Mirczuk (London) & Martin Read (Birmingham)

09:45
APW1.1

Unravelling endocrine autoimmunity in companion animals
Lorna Kennedy (Manchester)

10:15
APW1.2

Developmental actions of thyroid hormone: an amphibian approach
Laurent Sachs (Paris, France)

10:45
APW1.3

Employing zebrafish to study neuroendocrine programming
Deborah Kurrasch (Calgary, Canada)

11:15–11:45

TEA & COFFEE

EXHIBITION HALL, AUDITORIUM 1

Symposium 12

11:45–13:15
SYNDICATE 4

NOVEL APPROACHES TO ENDOCRINE NEOPLASIA

Chairs: Niki Karavitaki (Birmingham) & Kate Lines (Oxford)

Supported by Endocrine-Related Cancer & The Association for Multiple Endocrine Neoplasia Disorders (AMEND)

11:45
S12.1

Identification of new therapeutic targets in MEN1
Paul Newey (Dundee)

12:15
S12.2

Novel techniques for nuclide imaging in pituitary and adrenal tumours
Olympia Koulouri (Cambridge)

12:45
S12.3

Clinical advances in thyroid cancer treatment
Kate Newbold (London)

WEDNESDAY 9 NOVEMBER

Scientific programme

Clinical Management Workshop 4 HOW DO I MANAGE...

11:45–13:15

AUDITORIUM 2

Chairs: Rebecca Scott (London) & Helen Simpson (Cambridge)

Supported by Endocrinology, Diabetes & Metabolism Case Reports and Clinical Endocrinology

11:45
CMW4.1

How do I manage hypoglycaemia post bariatric surgery?
Rachel Batterham (London)

12:00
CMW4.2

How should I counsel a young woman with PCOS about fertility?
Steve Franks (London)

12:15
CMW4.3

How long should I treat prolactinoma?
James Ahlquist (Southend)

12:30
CMW4.4

How do I manage florid Cushing's syndrome?
Andy Toogood (Birmingham)

12:45
CMW4.5

How do I manage hypothalamic amenorrhoea?
Anna Crown (Brighton)

13:00
CMW4.6

How do I detect depression in the endocrine clinic?
Sue Jackson (Bristol)

Oral Communications 5

11:45–13:15

SYNDICATE 1

DIABETES MELLITUS AND METABOLISM

Six oral communications from selected abstracts submitted by delegates

Chairs: Graham Leese (Dundee) & Robert Semple (Cambridge)

11:45
OC5.1

Does type of diabetes, and treatment prescribed prior to admission influence quality of treatment of inpatient hypoglycaemia?
Christopher Sainsbury (Glasgow)

12:00
OC5.2

Glucagon-like peptide-1 secretion within the developing human fetus and its role in beta cell development
Rachel Jennings (Manchester)

12:15
OC5.3

Depot specific transcriptional signatures of adipose tissue in sheep and humans during early life
Hernan Fainberg (Nottingham)

12:30
OC5.4

Two contrasting cases of spontaneous severe hypoglycaemia secondary to anti-insulin antibodies (Insulin Autoimmune Syndrome / Hirata disease)
Myuri Moorthy (London)

12:45
OC5.5

5 β -reductase (AKR1D1) is a potent regulator of carbohydrate and lipid metabolism in human and rodent liver
Nikolaos Nikolaou (Oxford)

13:00
OC5.6

IRX3 regulates Adipocyte Browning via Mitochondrial Complex 1 Genes
Samantha Laber (Oxford)

WEDNESDAY 9 NOVEMBER

Scientific programme

Oral Communications 6

11:45–13:15

SYNDICATE 3

11:45

OC6.1

PREGNANCY AND REPRODUCTIVE HEALTH

Six oral communications from selected abstracts submitted by delegates

Chairs: Rebecca Reynolds (Edinburgh) & Mark Vanderpump (London)

Two doses of kisspeptin improve oocyte maturation and implantation rates compared to a single kisspeptin injection during IVF treatment
Ali Abbara (London)

12:00

OC6.2

The thyroidal response to hCG stimulation is impaired in women with subclinical hypothyroidism and is influenced by BMI, fetal sex and parity
Tim Korevaar (Rotterdam, The Netherlands)

12:15

OC6.3

Controlled antenatal thyroid screening study; obstetric outcomes
Pete Taylor (Cardiff)

12:30

OC6.4

Iodine nutritional status among pregnant women and their offspring in Northern Ireland (NI)
Paul McMullan (Belfast)

12:45

OC6.5

Human placental and fetal liver molecular transporters are affected by maternal smoking
Natasha Walker (Aberdeen)

13:00

OC6.6

Defining the metabolic phenotype of peritoneal mesothelial cells from women with endometriosis
Syed F Ahmad (Edinburgh)

13:15–14:45

LUNCH & POSTER VIEWING

EXHIBITION HALL, AUDITORIUM 1

13:30–14:30

INDUSTRY-SPONSORED SATELLITE SYMPOSIUM

(full details can be found on page 71)

Meet the Expert 6:

14:45–15:30

SYNDICATE 3

14:45

MTE 6

ENDOCRINE DISRUPTORS – FACT OR FICTION?

Supported by Endocrine Connections

Endocrine disruptors – fact or fiction?
Richard Sharpe (Edinburgh)

Meet the Expert 7:

14:45–15:30

AUDITORIUM 2

14:45

MTE 7

A YEAR IN THYROID

Chair: Simon Pearce (Newcastle-upon-Tyne)

Year in thyroid
Laszlo Hegedüs (Odense, Denmark)

WEDNESDAY 9 NOVEMBER

Scientific programme

Meet the Expert 8:

14:45–15:30

SYNDICATE 1

14:45

MTE 8

THE ADOLESCENT WITH DSD

Supported by dsdfamilies and Clinical Endocrinology

The adolescent with DSD
Faisal Ahmed (Glasgow)

Meet the Expert 9:

14:45–15:30

SYNDICATE 4

14:45

MTE 9

ILLUMINATING THE ISLETS

Supported by Clinical Endocrinology

Using photo-pharmacology to reveal the importance of the islet beta cell network
David Hodson (Birmingham)

Plenary Lecture 9

15:45–16:15

AUDITORIUM 2

15:45

PL9

CLINICAL ENDOCRINOLOGY TRUST VISITING PROFESSOR LECTURE

Chair: Weibke Arlt (Birmingham)

Genomics and steroidobolomics in Cushing's syndrome: the perspective of a clinician scientist
Martin Reincke (Munich, Germany)

Plenary Lecture 10

16:15–16:45

AUDITORIUM 2

16:15

PL10

CLINICAL ENDOCRINOLOGY TRUST LECTURE

Chair: Barbara McGowan (London)

Endocrine development is for life: looking beyond paediatrics
John Achermann (London)

16:45–17:00

AUDITORIUM 2

AWARDS CEREMONY

17:00–17:15

AUDITORIUM 2

CLOSING REMARKS

Endocrine NETWORKS

Endocrine Network Meetings

Monday 7 November

- **Reproductive Endocrinology and Biology**
10:45 - 11:45 Meeting Room 5
- **Thyroid**
15:45 - 16:45 Meeting Room 5

Tuesday 8 November

- **Bone and Calcium**
12:15 - 13:00 Meeting Room 5
- **Endocrine Neoplasia Syndromes**
14:30 - 15:30 Meeting Room 5
- **Metabolic and Obesity**
Tuesday 14:30 - 15:30 Meeting Room 3
- **Neuroendocrinology**
16:30 - 17:30 Meeting Room 5

Wednesday 9 November

- **Adrenal and Cardiovascular**
12:00 - 13:00 Meeting Room 5



FIND OUT MORE

Visit us at **Stand D60-70** to find out more and update your Endocrine Network preferences

POSTERS

All posters will be on display in Auditorium 1 at the Brighton Centre by 13:00 on Monday 7 November and will be available to view until 14:45 on Wednesday 9 November.

POSTERS AND EPOSTERS

ATTENDED POSTER VIEWING

- Odd-numbered posters will be attended on Monday 7 November at 13:00-14:15.
- Even-numbered posters will be attended on Tuesday 8 November at 13:00-14:15.
- Nominated posters will be attended at the poster viewing sessions on both Monday 7 and Tuesday 8 November at 13:00-14:15.

Please note: Prize nominees are asked to attend both poster viewing sessions to allow all members of the judging panel to visit the nominated posters and interact with the poster authors. All prizes will be announced at the Awards Ceremony on Wednesday 9 November at 16:45-17:00, in Auditorium 2.

The SfE BES 2016 abstracts will be available to view approximately 2 weeks before the meeting on the meeting website, which can be accessed at:

www.endocrinology.org/meetings/2016/sfeb2016/abstracts.aspx

POSTERS

During this year's conference there will be a selection of clinical cases presented in an electronic poster (ePoster) format. These clinical cases ePosters cover a range of topics within the field of endocrinology and will be available on the ePoster stations found throughout the Exhibition Hall.

We hope that this new format will ensure that the exposure to these clinical cases is extended past the end of the SfE BES 2016 conference. ePosters will be available to view throughout the meeting, and after the

conference on the *Endocrine Abstracts* portal.

Where available, posters can be viewed online at www.endocrine-abstracts.org

EARLY CAREER* ENDOCRINOLOGISTS' POSTERS

The 30 highest scoring posters submitted by Early Career* Endocrinologists will be judged during the attended poster viewing times only. Presenters of the 10 highest scoring posters (basic science and clinical) will be asked to attend their posters during the lunch break on Wednesday 9 November, in Auditorium 1, for the final judging and evaluation. Of the 10 highest selected, two winning posters (one clinical and one basic science) will be given a prize of £500.

**Early Career Endocrinologists are either up to 10 years postdoc or up until completion of clinical training (Scientist-in-Training and Clinician-in-Training Members, respectively).*

FEATURED CLINICAL CASES

10 'featured clinical cases' have been selected by the Programme Committee to be highlighted in this year's distinguished poster display. These posters cover topical issues spanning the breadth of endocrinology. The featured posters (CC1-CC10) can be found in the distinctive poster board area in Auditorium 1.

DISPLAYING YOUR POSTER

Posters must be displayed by 13:00 on Monday 7 November. Auditorium 1 can be accessed to display posters from 09:00 on Monday 7 November. All posters MUST be removed by 15:00 on Wednesday 9 November. There will be no access to the auditorium after this time and any remaining posters will be disposed of.



POSTERS

POSTER KEY



- █ P1 - P41
ADRENAL
- █ P42 - P61
BONE & CALCIUM
- █ P62 - P89
CLINICAL BIOCHEMISTRY
- █ P90 - P119
DIABETES

- █ P120 - P137
**NEOPLASIA, CANCER
AND LATE EFFECTS**
- █ P138 - P171
**NEUROENDOCRINOLOGY
& PITUITARY**
- █ P172 - P173
NURSING
- █ P174 - P199
OBESITY

- █ P200 - P232
REPRODUCTION
- █ P233 - P258
THYROID
- █ **FEATURED CLINICAL
CASES**
- █ **SHORTLISTED POSTERS
WEDNESDAY ONLY**

Posters will be displayed on Monday - Wednesday in the Exhibition Hall, Auditorium 1.
Odd-numbered posters will be attended on **Monday 7 November** and
even-numbered posters on **Tuesday 8 November** during lunch time **13:00-14:15**

POSTERS

FEATURED CLINICAL CASES

- CC1** Life-threatening cardiac arrhythmias following treatment of newly diagnosed Addison's disease
J Rochester, E D Aflorei, A Roberts, A Wilton
- CC2** More than just diabetes insipidus
Xilin Wu, Alan Choo-Kang
- CC3** Tremelimumab-induced Graves' disease
Earn H Gan, Ruth Plummer, Simon Pearce, Petros Perros
- CC4** Asymptomatic elevated PTH level due to immunoassay interference resulting from Macro-PTH: a case report
Paul Prodan, Eka Nandoshvili, Craig Webster, Jayadave Shakher
- CC5** A case report of a symptomatic osteoporosis patient caused by novel mutation in LEMD3
Khaled Tofeec, Handrean Soran, Zulf Mughal, Peter Selby
- CC6** Vitamin D-dependent rickets type I caused by a novel frameshift mutation of the 25-hydroxyvitamin D1-alpha-hydroxylase gene (CYP27B1)
Victoria Stokes, Caroline Gorvin, Brian Shine, Rajesh Thakker
- CC7** Spurious diagnosis of pheochromocytoma due to drug-induced symptoms and abnormal investigation results
R Preece, J Rochester, E D Aflorei, A Wilton
- CC8** Diffuse idiopathic pulmonary neuroendocrine cell hyperplasia (DIPNECH): two unusual cases of cyclical ectopic adrenocorticotrophic hormone secretion
Sarah N Ali, Maura Moriarty, Lisa Yang, Jonathan Anderson, Jeannie F Todd
- CC9** Successful treatment of primary aldosteronism with partial adrenalectomy, facilitated by the use of ¹¹C-metomidate PET/CT
Waiel Bashari, Andrew Powlson, Olympia Koulouri, Denis Quill, Morris Brown, Heok Cheow, Michael Conall Denny, Mark Gurnell
- CC10** ACTH-dependent Cushing's syndrome unmasked following transphenoidal surgery for acromegaly - the rare coexistence of dual endocrinopathies
Parizad Avari, Aditi Sharma, Quirinius Barnor, Thomas Galliford, Arla Ogilvie, Chantal Kong

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POSTERS

ADRENAL

- P1** Audit results of in patient short synacthen test: was patient selection appropriate?
Ursula Laverty & Naila Satti
- P2** Dynamic changes in nephrine levels with acclimatisation reflect acquisition of heat tolerance
Mike Stacey, Sophie Britland, Simon Delves, Anne Burnett, Joanne Fallowfield, Stephen Brett, Adrian Allsopp & David Woods
- P3** In denial? Patient perspectives on adrenal crisis management
Alice Hacker, Anna Crown & Sue Jackson
- P4** Generation of human urine-derived steroidogenic cells through lineage conversion: a new technology to study the adrenal gland
Gerard Ruiz-Babot, Irene Hadjidemetriou, Sharon Jane Ajodha, Lea Ghataore, David Taylor, Norman Taylor, Mariya Balyura, Stefan R Bornstein & Leonardo Guasti
- P5** Outcomes of annual surveillance imaging in an adult and paediatric cohort of succinate dehydrogenase B mutation (SDHB) carriers
Nicola Tufton, Lucy Shapiro, Umasuthan Srirangalingam, Polly Richards, Anju Sahdev, VK Ajith Kumar, Shern L Chew, William M Drake, Helen Storr & Scott A Akker
- P6** Role of computed tomography scan in adrenal tumours
Dia Eddine Boudiaf, Said Azzoug & Farida Chentli
- P7** Screening for Cushing's syndrome - a comparison of available tests
Edward McKeever, David R McCance, Steven J Hunter, Hamish Courtney, Karen R Mullan & Una M Graham
- P8** Full characterisation of adrenal steroidogenesis by liquid-chromatography-mass spectrometry (LC-MS/MS) in metyrapone and/or ketoconazole-treated pituitary/adrenal Cushing's
David R Taylor, Christine H M Leong, Aagna E Bhatt, Lea Ghataore, Simon Aylwin, Ben Whitelaw & Royce P Vincent
- P9** Assessment of performance of 30-min vs 60-min cortisol during SST
Dinesh Nagi, Ravikumar Bachuwar, Simon Holmes, Ruth Scoffins, Ryan D'Costa, Olivia Pereira
- P10** 11b-Hydroxysteroid dehydrogenase type 1 within muscle protects against the adverse effects of local inflammation and muscle wasting
Rowan Hardy, Zahrah Hussain, Andrew Filer, Christopher Buckley, Gareth Lavery, Mark Cooper & Karim Raza
- P11** Safe withdrawal of corticosteroids after prolonged use: a management protocol
Jeyanthi Rajkanna, Satyanarayana Sagi & Samson O Oyibo
- P12** Characterisation of adrenal-specific effects of ATR-101, a selective ACAT1 antagonist, in dogs
Stephen Hunt III, Krista Greenwood, Jessica Reed, Joseph Heward & Marc Bailie
- P13** Characterisation of clinical, biochemical and adrenal hormonal effects of ATR-101, a selective ACAT1 antagonist, in dogs with naturally occurring Cushing's syndrome
Stephen Hunt III, Michele Fritz, William Schall, N Bari Olivier, Rebecca Smedley, Paul Pearson, Marc Bailie & Daniel Langlois
- P14** Lowered replacement glucocorticoid doses are associated with a rise in frequency of adrenal crisis
Katherine White & Alick Mackay

POSTERS

- P15** Adrenal vein sampling for subtype classification of primary aldosteronism in British Columbia: insights and challenges
Pol Darras & Daniel Holmes
- P16** Comparison of insulin tolerance test performance with other dynamic tests of cortisol reserve
Payal Haria, Tricia Tan & Emma Hatfield
- P17** The effect of time of day and utility of 30- and 60-minute values in 250 mcg ACTH stimulation test
Vicki Munro, Manal Elneaei, Steve Doucette, Stephanie Kaiser & Syed Ali Imran
- P18** Primary adrenal insufficiency - establishing aetiology and screening for associated autoimmune diseases in a tertiary clinic
Pui San Yap, Maria Gemma Rodriguez Carnero, Asha Hesarghatta, Alison Milne, Alex Graveling, Sam Philip & Prakash Abraham
- P19** Adrenal crisis - an important endocrine emergency needing ongoing education
Maria Gemma Rodriguez Carnero, Pui San Yap, Asha Hesarghatta, Alison Milne, Alex Graveling, Sam Philip & Prakash Abraham
- P20** A quality improvement project to refine diagnostic testing for adrenal insufficiency
Grace Pink, Rakhi Kakad & Matthew Bowden
- P21** Diagnosis of adrenal sufficiency using a highly specific cortisol immunoassay: major implications for clinicians
Gregory Kline, Joshua Buse & Richard Krause
- P22** What do patients understand about how to self-manage acute adrenal insufficiency?
Emma Johns, Stewart Ferguson & Vincent McAulay
- P23** The pharmacokinetic profile of prednisolone is not affected by ingestion of food - how should patients be advised?
Sirazum M Choudhury, Emma L Williams, Tricia M Tan & Karim Meeran
- P24** Tissue-specific regulation of recycling between cortisol and cortisone by insulin and obesity
Anna Anderson, Ruth Andrew, Natalie Homer, Kate Hughes, Fredrik Karpe, Roland Stimson & Brian Walker
- P25** Random spot urinary metanephrines compared to 24-H collection in the diagnosis and follow-up of pheochromocytomas and paragangliomas: preliminary results
Emilia Sbardella, Andrea M Isidori, Brian Shine, Bahram Jafar-Mohammadi & Ashley B Grossman
- P26** Could modified release prednisone hold the key to closer reproduction of the glucocorticoid circadian rhythm in adrenal insufficiency?
Sirazum M Choudhury, Adam Leckey, Emma L Williams, Tricia M Tan & Karim Meeran
- P27** Structural analysis of nicotinamide nucleotide transhydrogenase (NNT) genetic variants causing adrenal disorders
Lou Metherell, José Afonso Guerra-Assunção, Michael Sternberg & Alessia David
- P28** Incidence and outcomes of hormone-secreting adrenal tumours in pregnancy: a UK 4-year prospective cohort study
Georgia Quartermaine, Kimberley Lambert, Kate Rees, Paul Seed, Mandish Dhanjal, Marian Knight, D R McCance & Catherine Williamson
- P29** Oestrogen excess induces instability and loss of arterial identity in the forming vascular system
Silvia Parajes & Didier Stainier

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POSTERS

- P30** Suppression of 11 β -hydroxysteroid dehydrogenase type 1 target gene regulation by hypoxia
Bushra Shammout, Adewonuola Alase, Miriam Wittmann, Paul Stewart & Ana Tiganescu
- P31** Maternal smoking disrupts adrenal steroid production in the human foetus
Zoe Johnston, Michelle Bellingham, Denise Hough, Panagiotis Filis, Peter O'Shaughnessy & Paul Fowler
- P32** Discovery of putative aldosterone-regulating microRNAs by analysis of in vitro and in vivo microRNA profiles
Nur Izah Ab Razak, Scott MacKenzie, Stacy Robertson, Martin McBride, Marie Freel & Eleanor Davies
- P33** What is the most appropriate cut-off for post-saline aldosterone in saline suppression test after adrenalectomy?
Ruvini Ranasinghe, David Taylor, Benjamin Whitelaw, Simon Aylwin & Royce Vincent
- P34** The human foetal adrenal proteome: development, sex and maternal smoking link in utero smoke-exposure to offspring disease
Panagiotis Filis, Zoe Johnston, Michelle Bellingham, Ugo Sofientini, Peter O'Shaughnessy & Paul Fowler
- P35** 11 β -Hydroxysteroid dehydrogenase type 1 mediates anti-inflammatory, pro-inflammatory and inflammation-independent effects in primary human dermal fibroblasts
Layal Abi Farraj, Michael Morgan, Adewonuola Alase, Ian Carr, Paul Stewart & Ana Tiganescu
- P36** The role of 9am cortisol level to predict response to short synacthen test in hypoadrenalism
Najaf Haider, Pankaj Verlekar & Ma'en Al-Mrayat
- P37** Development and evaluation of the acceptability of new materials to address individualised needs to support self-management for patients with adrenal insufficiency
S Llahana, J Webber, S Chapman, PV Carroll, P McBride, D Phillips & R Horne
- P38** 18F-FDG PET-CT combined with 11C-metomidate PET-CT for the successful characterisation of adrenal lesions; proof of utility of a novel imaging strategy in guiding management
Andrew S Powlson, Olympia Koulouri, HK Cheow & Mark Gurnell
- P39** Salivary cortisone is a potential surrogate for serum cortisol measurement
Safwaan Adam, Anna Minder, Elizabeth Cottrell, Alison Davies, Suzanne Meredith, Richard Preziosi, Brian Keevil, Claire Higham, Anne White & Peter Trainer
- P40** Steroid metabolomics for diagnosis of inborn steroidogenic disorders – bridging the gap between clinician and scientist through computational approaches
Elizabeth Baranowski, Kerstin Bunte, Cedric Shackleton, Angela Taylor, Beverley Hughes, Michael Biehl, Peter Tino, Tulay Guran & Wiebke Arlt
- P41** Impact of month of birth on the risk of development of autoimmune Addison's disease
Agnieszka Pazderska, Marta Fichna, Anna Mitchell, Catherine Napier, Earn Gan, Marek Ruchala, Mauro Santibanez-Koref & Simon Pearce

BONE AND CALCIUM

- P42** The mechanistic role of fibroblast growth factor 21 (FGF21) in growth hormone resistance secondary to chronic childhood conditions
Jayna Narendra Mistry, Gerard Ruiz-Babot, Leonardo Guasti & Leo Dunkel

POSTERS

- P43** The influence of gender on the bone health of adolescent patients with hormonal deficiencies
Pauline Whittingham, Kerrie Grounds, Aftab Ahmad, Mo Didi & Pamela Corlett
- P44** The calcilytic SHP635 rectifies hypocalcaemia and reduced parathyroid hormone concentrations in a mouse model for autosomal dominant hypocalcaemia type 1 (ADH1)
Fadil Hannan, Valerie Babinsky, Caroline Gorvin, Tertius Hough, Elizabeth Joynson, Michelle Stewart, Sara Wells, Roger Cox, Edward Nemeth & Rajesh Thakker
- P45** Immunomodulation by vitamin D is associated with regulation of microRNAs
Danyang Li, Louisa E. Jeffery, Karim Raza & Martin Hewison
- P46** Ionised calcium from blood gas measurements, often overlooked
Sushuma Kalidindi, Bonnie Dhas, Ananth Nayak & Biju Jose
- P47** Studies of an autosomal dominant hypocalcaemia type-1 (ADH1)-associated calcium-sensing receptor (CaSR) mutation, Arg680Gly, provides insights into biased signalling
Caroline Gorvin, Valerie Babinsky, Anders Schou, Peter Nissen, Fadil Hannan & Rajesh Thakker
- P48** Emergency management of hypercalcaemia (an audit of Sfe guidance in Oxford)
Haval Surchi & Paul Grant
- P49** The impact of primary hyperparathyroidism and its treatment on bone mineral density, bone mineral parameters, insulin resistance, body composition and quality of life – a prospective pilot study from India
Thomas V Paul, Shrinath Shetty, Nitin Kapoor, Sahana Shetty, M J Paul, Deepak Abraham, Pooja Ramakant, Joseph Dian & Nihal Thomas
- P50** Impact of Hepatitis B related chronic liver disease and its therapy on bone health
Thomas V Paul, Nitin Kapoor, Kattiparambil Gangadharan Sajith, Sahana Shetty, Ashish Goel, Uday Zachariah & Chundamanni E Eapen
- P51** Management of primary hypoparathyroidism – an audit
Sameer Sighakoli & Trevor Wheatley
- P52** Continuous synthetic PTH1-34 replacement therapy in the treatment of autosomal dominant hypoparathyroidism type 1
Vidhya Jahagirdar, Heather Stirling & Sailesh Sankar
- P53** Importance of bone mineral density care in transitional endocrine service
Karunya Yogeswaran & Aftab Ahmad
- P54** Surgical management of primary hyperparathyroidism in East Sussex Healthcare NHS Trust (retrospective audit of patients who had parathyroidectomy over 2yrs in East Sussex NHS Trust)
Vanitha Karunakaran, Shakeel Ahmad, Simeen Ali, Rajesh Govindan, Paul Kirkland & Periasamy Sathiskumar
- P55** Pre-operative localisation for parathyroid surgery in primary hyperparathyroidism: a study to evaluate the clinical utility of different imaging modalities
Khyatisha Seejore, John Stephenson, Ei Mon Zin Tun, Dominic Martin-Hirsch, Khaled Al-Zwae & Robert S Moisey
- P56** An audit of vertebral fracture assessment (VFA) selection criteria: implications for the service and impact on clinical decision making
Aaron Dehghan, Henrietta Brain & Malgorzata Magliano

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POSTERS

P57 Initial experience of a newly established intra-operative PTH service
Leoni Lekakou, Leelavathy Kandaswamy, Alain Rolli, Claire Ford, Andrew Garnham, Catherine Spinou, Lenny Liew & Harit Buch

P58 Procollagen III N-terminal pro-peptide in children
Mariana Costache-Outas, Camelia Procopiuc, Cristina Dumitrescu, Andra Caragheorghopol, Cosmina Raluca Costache & Simona Fica

P59 Primary hyperparathyroidism and concomitant vitamin D deficiency: study of diagnosis and management outcomes
Uzma Khan, Ahmed Al-Sharefi, Praveen Partha, Shafie Kamaruddin, Giridhar Tarigopula & Paul Peter

P60 Would a 10% fracture risk threshold for direct access to dual energy densitometry (DXA) exclude patients with low bone mineral density?
Clare Wilson, Paul Loughrey, Bernie Cummings, Colette McNally & John Lindsay

P61 FGF23, iron and vitamin D metabolism in chronic kidney disease
Isabelle Piec, Allison Chipchase, Holly Nicholls, Jonathan Tang, Christopher Washbourne & William D Fraser

CLINICAL BIOCHEMISTRY

P62 Burden of major sodium and calcium abnormalities in the non-ITU adult inpatient population of a large two-site university hospital
Phillip Jones, Yaasir Mamoojee, Dermot Neely & Richard Quinton

P63 Phaeochromocytoma and paraganglioma audit - 2016
Ravikumar Ravindran, Thomas Dacruz & Aled Rees

P64 Management of hyponatraemia in acute hospital admissions: effect on length of stay, readmission and mortality
Aditi Sharma, Parizad Avari, Jasmeet Singh, Monica Anyasodor, Julia E Ostberg & Senan Devendra

P65 Osteoporosis and low-dose prednisolone: is there a link? Insights from bone turnover markers
Yvette Ang, Adam Leckey, Sirazum Choudhury, Alan Courtney, Tricia Tan & Karim Meeran

P66 Audit of plasma catecholamines vs plasma metanephrines: experience at a tertiary endocrine referral centre
David R Taylor, Alex Alexander, Adam Schweitzer, Colin Stone, Ben Whitelaw, Simon Aylwin & Royce P Vincent

P67 Three-minute run-time LC-MS/MS method for separation and quantifying 25-hydroxyvitamin D from C3-epimers
Carl Jenkinson, James Bradbury, Angela Taylor, Shan He, Mark Viant & Martin Hewison

P68 An audit of the acute investigation and management of hyponatraemia in a hospital population
Kate Hutchinson, Rasheeta Sivapackianathan, Susan Gelding & Ahmed Siddiqi

P69 Evaluating the feasibility of using simulation to teach junior doctors the management of endocrine emergencies
Kate Hutchinson, Kirun Gunganah, Meera Ladwa & Susan Gelding

P70 Red blood cell folate versus serum folate. Which one to measure?
Yun Trull & Ibrahim A Hashim

P71 Evaluation of diagnostic cut-offs for aldosterone-renin ratio using iSYS assays for aldosterone and direct renin
Charlotte Fairclough, Anna Milan & Suzannah Phillips

POSTERS

P72 Changes in serum 25-hydroxyvitamin D, 24,25-dihydroxyvitamin D and 1,25-dihydroxyvitamin D in response to three vitamin D3 supplementation regimens
Jonathan Tang, Holly Nicholls, John Dutton, Isabelle Piec, Christopher Washbourne, Lanja Saleh, A Novak, Graeme Close, Helen Macdonald & William Fraser

P73 Investigations and management of hyponatraemia: experience at a district general hospital
Rahat Ali Tauni, Tahir Omer & Mustafa Khan

P74 Characterising susceptibility to heat illness by plasma copeptin measurement
Mike Stacey, Simon Delves, David Woods, Sophie Britland, Joanne Fallowfield, Adrian Allsopp & Stephen Brett

P75 A case series of sodium glucose co-transporter-2 inhibitor (SGLT-2i)-related diabetic ketoacidosis and literature review about its pathophysiology
Jawad Bashir, Steve Bain, Irfan Khan & Tamar Saeed

P76 Time taken for GH-treated adolescent patients, transitioning to adult services, to reach IGF-1 levels within the upper normal range. Do we need to monitor more frequently?
Kerrie Grounds, Pauline Whittingham, Mo Didi & Aftab Ahmad

P77 Nine-year evaluation of a recall database of thyroid function tests in a combined antenatal-endocrine clinic
Naveed Khalili, Sheena Hodgett & David Barton

P78 Management of multiple endocrine neoplasia type 1 (MEN1) and sporadic pancreatic neuroendocrine tumours (PNETS) in relation to the clinical guidelines: a single centre audit
Georgia Ntali, Paul J Newey, Victoria Stokes, Denis Talbot, Zahir Soonawalla, Greg Sadler, Niki Karavitaki, Ashley B Grossman & Rajesh V Thakker

P79 Immunoassay cortisol day curve dangerously overestimates cortisol reserve in a metyrapone-treated patient
Christine H M Leong, David R Taylor, Jackie Gilbert & Benjamin C Whitelaw

P80 Cortisol measurement using immunoassay versus liquid chromatography-tandem mass spectrometry: metyrapone dose-related discrepancies in cortisol values
Christine H M Leong, David R Taylor, Benjamin C Whitelaw & Simon Aylwin

P81 Male hypogonadism: an audit of initial investigation and management
Lyn Ferguson, Maurizio Panarelli & Russell Drummond

P82 The management of hypothyroidism in primary care without QOF - can we do better?
Anh Tran, Steve Hyer & Andrew Rodin

P83 Audit on isolated pituitary stalk lesions/thickening in a tertiary hospital: comprehensive guidelines needed
Karan Jolly, Hannah Cooke, William Smith, Metaxia Tampourlou, John Ayuk, Alessandro Paluzzi, Shahzada Ahmed & Niki Karavitaki

P84 Cost-effective strategies to accelerate diagnosis and management of endocrine disorders in the outpatient setting
Rasheeta Sivapackianathan, Ahmed Siddiqi & Karl Metcalfe

P85 Inpatient endocrinology: a comprehensive specialty service audit and quality improvement project in a large tertiary care centre
Joannis Vamvakopoulos, John Ayuk, Kristien Boelaert, Neil Gittoes, Niki Karavitaki, Brian Mtemererwa, Michael O'Reilly, Andrew Toogood & Helena Gleeson

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POSTERS

- P86** Improving the primary care management of erectile dysfunction and testosterone deficiency in men with or without type 2 diabetes: findings from the REVITALISE audit
Janine David, David Edwards & Patrick Wright
- P87** Do guidelines improve practice? A re-audit of thyroid nodule ultrasound reporting at Northumbria Healthcare NHS Foundation Trust post BTA thyroid cancer guidelines 2014
Ali Aldibbiat, Su Tee & Asgar Madathil
- P88** Prednisolone and fludrocortisone as once-daily treatment following adrenalectomy
Deborah Papadopoulou, Sirazum M Choudhury & Karim Meeran
- P89** The use of 8-hour serum prednisolone concentrations to guide prednisolone dosing in replacement therapy
Deborah Papadopoulou, Sirazum M Choudhury, Karim Meeran & Florian Wernig

DIABETES

- P90** Effect of vitamin D supplementation on insulin resistance in type 2 DM subjects in Lagos, Nigeria
Anthony Anyanwu, Adetola Fasanmade, Herbert Coker & Augustine Ohwovoriole
- P91** Oral glucose tolerance test or HbA1c assessment of subjects with coronary disease verified by angiography
Teodora Beljic Zivkovic, Biljana Jojic, Marina Andjelic Jelic, Goran Loncar, Aleksandar Davidovic & Aleksandar Jankovic
- P92** Temporal effect of bariatric surgery on predicted 10-year and lifetime cardiovascular risk at 1 and 6 months, and 5 years
Thinzar Min, Scott Caplin, Jonathan Barry & Jeffrey Stephens

- P93** Type 2 DM risk evaluation in Nigerian undergraduates in Ile Ife: a comparison of the Finnish versus Indian risk scoring system
Olaoluwatomi Yusuff, Funmilayo Owolabi, Amina Lawal-Bello, Oluwadamilola Amjo, David Soyoye & Babatope Kolawole
- P94** Does precocious dexamethasone treatment advance foetal cardiac maturation?
Emma Batchen, Rachel Richardson, Adrian Thomson, Carmel Moran, Karen Sooy, Natalie Homer, Gillian Gray & Karen Chapman
- P95** Knowledge, attitude and practice on prevention of type 2 diabetes mellitus among Nigerian undergraduates
John Ajiboye, Amina Lawal-Bello, Olaoluwatomi Yusuff, Funmilayo Owolabi, Okechukwu Ezekpo & Rosemary Ikem
- P96** Erectile dysfunction among male type 2 diabetics in a south western teaching hospital, Nigeria
Christiana Omotola Ayandele, Chinedu Anizor, Funmilayo A Owolabi, Olaoluwatomi T Yusuff, John Kehinde Ajiboye, Okechukwu O Ezekpo, Oluwadamilola O Olusile, Adedeji O Junaid, Amina Lawal- Bello, Olubukola Ala, Bukunmi Soyoye, Babatope A Kolawole & Rosemary T Ikem
- P97** SGLT2 inhibitors: results from clinical practice
Daniel K Border & Thomas M Barber
- P98** Predictors and generation of risk equations for albuminuria progression in type 2 diabetes
Miriam Giordano Imbroli, Daniele Agius Lauretta, Trevor Tabone & Stephen Fava
- P99** Medical knowledge on DKA and management
Khaled Tofeec, Michelle Howarth, Moayed Alhelfi & Prasanna Rao-Balakrishna

POSTERS

- P100** Captopril challenge test - is it useful for the diagnosis of primary aldosteronism?
Raluca Trifanescu, Alexandra Smarandoiu, Andra Caragheorgheopol, Sorina Schipor, Monica Gheorghiu & Catalina Poiana
- P101** Effect of testosterone replacement in hypogonadal men with type 2 diabetes in routine clinical practice
Baljinder Kaur Sidhu, Eswari Chinnasamy & Leighton Seal
- P102** Impact of diabetes mellitus on frequency and severity of hepatic encephalopathy in liver cirrhosis
Muhammad Fahad Arshad, Zeeshan Butt, Kamran Mushtaq & Osman Salaria
- P103** Relationship of self-monitoring of blood glucose with glycaemic control among patients attending a tertiary care hospital
Nauman Arif Jadoon, Muhammad Fahad Arshad, Mohammad Asif Shahzad & Faheem Usman Sulehri
- P104** Correlation between duration of diabetes mellitus and neuropathy in a Nigerian tertiary hospital
Olubiyi Adesina, F Adewusi, B Alalade, O Otukoya, G Olukunle & A Bello
- P105** Connexins and gap-junction-mediated intercellular communication in the diabetic kidney
Claire E Hills, Gareth W Price & Paul E Squires
- P106** Connexins, hemi-channels and ATP release in the diabetic kidney
Paul E Squires, Gareth W Price & Claire E Hills
- P107** Elective hip arthroplasty rates and related complications in people with diabetes mellitus
Lindsey McVey, Nicholas Kane, Helen Murray, Brian Kennon, R M Dominic Meek & Syed Faisal Ahmed

- P108** Exploring the mechanisms through which exercise influences beta cell health in Type 1 diabetes (T1D)
Michelle Curran
- P109** Does concomitant hypertension increase the risk of peripheral arterial disease in Nigerians with type 2 diabetes mellitus?
Olorunfemi J Adebayo, David O Soyoye, Christianah A Enikuomehin, Oluwagbemiga O Ayoola, Babatope A Kolawole & Rosemary T Ikem
- P110** Volatile organic compounds: a potential biomarker for prediction of hypertension
Sahar Azharian, Matthew Neal, Iannos Kyrou, Milan Piya, Sudesh Kumar, James Covington, Philip McTernan, J Vrbikova, V Hainer, P Sramkova & M Fried
- P111** Diabetes admissions in a tertiary hospital: a one-year review
Olubukola Ojo, Olalekan Ojo, Adebola Omosehin, Kayode Oluwatusa, Sulaeman Okoro & Ademola Bajowa
- P112** Glycaemic load of commonly consumed beans among Nigerians with diabetes mellitus
Oluwarotimi Olopade, Ifedayo Odeniyi, Sandra Iwuuala, Oluwatosin Kayode, Olufemi Fasanmade, Wale Ajala, Patience Chima & Augustine Ohwovoriole
- P113** High risk populations: attitudes to NAFLD among diabetologists
Thomas Marjot, Emilia Sbardella, Jonathan Hazlehurst, Ahmad Moola, Jeremy Cobbold & Jeremy Tomlinson
- P114** The impact of thyroid autoimmunity on insulin secretion in pre-diabetic patients with normal thyroid function
Krystallenia Alexandraki, Stavros Liatis, Gregory Kaltsas & Georgios Boutzios

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POSTERS

- P115** Prevalence of dyslipidaemia in type 2 DM patients attending Obafemi Awolowo University Teaching Hospital Complex, Ile Ife South West Nigeria
Adenike Enikuomehin, Fakhraddeen Mohammad, David Soyoye, Babatunde Kolawole, Rosemary Ikem & Joseph Adebayo
- P116** A case-control study of 24 hrs chronomics of BP/HR in terms of double amplitude, acrophase, hyperbaric index and its relation with circadian rhythm of salivary cortisol in night-shift nursing professionals
B Anjum, Narsingh Verma, Sandeep Tiwari, Ranjana Singh, Abbas Mahdi & Madan Godbole
- P117** Insulin resistance, obesity indices and lipid profile in Nigerian patients with type 2 diabetes mellitus
Oyindamola Awofisoye, Racheal Okpiabhele, Arinola Esan & Jokotade Adeleye
- P118** Retrospective review of insulin degludec (tresiba) started in patients at Royal Derby Hospital
Seifeldin Yahia, Abhiram Sahathevan & Roger Stanworth
- P119** Freestyle Libre® as a tool for management of hypoglycaemia in pregnancy complicated by type 1 diabetes mellitus
Valerie Gordon, Karen Towse, Priya Madhuvrata & Alia Munir

NEOPLASIA, CANCER AND LATE EFFECTS

- P120** Multiple endocrine neoplasia type 1: 'Are screening guidelines appropriate?' The importance of histology and correlation of clinical signs
Christopher Redford & Bijay Vaidya
- P121** Psychosocial impact of multiple endocrine neoplasia disorders
Joanna Grey & Kym Winter

- P122** Investigation of the effects and interactions of a human neuroendocrine tumour (NET) cell binding peptide
Mark Stevenson, Kate Lines, Benjamin Thomas & Rajesh Thakker
- P123** MicroRNA miR-3156-5p is down-regulated in serum of multiple endocrine neoplasia type 1 patients, and regulates expression of mortality factor 4-like protein 2 (MORF4L2)
Kate E Lines, Victoria Stokes, Simona Grozinsky-Glassberg, Christopher J Yates & Rajesh V Thakker
- P124** The prolactin receptor variant, Asn492Ile, results in activation of the Akt signalling pathway, and is found more frequently in patients with prolactinomas
Caroline Gorvin, Paul Newey, Victoria Stokes, Angela Rogers, Georgia Ntali, Peter Lees, Niki Karavitaki, Ashley Grossman & Rajesh Thakker
- P125** Multiple endocrine neoplasia type 1 (MEN1) in identical twins, with different MEN1 tumours, is due to a deletion of the MEN1 5' untranslated region (UTR)
Kreepa Kooblall, Treena Cranston, Kate Lines, Mark Stevenson, Angela Rogers, Simona Grozinsky-Glasberg, Daniel Flanagan & Rajesh Thakker
- P126** Radiological surveillance in multiple endocrine neoplasia type 1 - a double-edged sword?
Ruth Casey, Debbie Saunders, Ben Challis, Deborah Pitfield, Heok Cheow, Ashley Shaw & Helen Simpson
- P127** A review of the diagnostic sensitivity of plasma metanephrine testing in patients with an SDH gene mutation
Shalin Abraham, Ruth Casey, Deborah Pitfield, Ben Challis & Helen Simpson

POSTERS

- P128** Timing and outcome of surgery for primary hyperparathyroidism in MEN1
Mamta Joshi, Barbara McGowan, Johnathan Hubbard, Jake Powrie, Louise Breen, Audrey Jacques, Louise Izatt & Paul Carroll
- P129** Low vitamin D is associated with increased bladder cancer risk; a systematic review and evidence of a potential mechanism
Rosemary Bland, Corina Chivu, Kieran Jefferson, Donald MacDonald, Gulnaz Iqbal & Janet Dunn
- P130** Diagnostic performance of adrenal imaging in a high risk population for adrenal malignancy
Danae Delivanis, Mark Nathan, Thomas Atwell, Patrick Eiken, Grant Schmit, Neena Natt, Dana Erickson, Spyridoula Maraka, William Young & Irina Bancos
- P131** Metformin alters an anti-proliferative effect of mitotane in a human adrenocortical cancer (H295R) cell line: preliminary results
Dorota Dworakowska, Paulina Szyszka, Gregory Weitsman, Salvador Diaz-Cano, Márta Korbonits, Ashley Grossman, Stefan Bornstein & Tony Ng
- P132** Sparsely granulated somatotroph adenomas display aspects of epithelial-mesenchymal transition
Kathryn Dix, Ashley Grossman, Olaf Ansgorge & Sarah Larkin
- P133** Adverse fibrin network profile in survivors of brain tumours with established hormonal deficiencies: a potential mechanism for increased vascular risk
Nikolaos Kyriakakis, Satish S Kumar, Natalie Oxley, Fladia Phoenix, Julie Lynch, Ramzi Ajan & Robert D Murray

- P134** Somatostatin analogue tolerability testing in the management of neuro endocrine tumours (NETs), a single centre review of practice
Michael Tadman, Philip Charlton & Ashley Grossman
- P135** The effect of peptide receptor radionuclide therapy (PRRT) therapy on symptoms and tumour burden in patients with metastatic neuroendocrine tumour (NET)s
Stalin Abraham, Ruth Casey, Ben Challis, Deborah Pitfield, S Whitley, Ashley Shaw, Sarah Heard, Zia Saad, John Buscombe & Helen Simpson
- P136** The role of primary cilia in the molecular pathogenesis of pheochromocytoma
Sam O'Toole, Umasuthan Srirangalingam, William Drake & Paul Chapple
- P137** The effects of proton pump inhibitor therapy on neuroendocrine tumour biomarkers
Christoforos Constantinou, Neil Hill, Steve Bloom, Kevin Murphy & Paul Bech

NEUROENDOCRINOLOGY AND PITUITARY

- P138** Copeptin as a marker of cardiovascular strain during occupational heat stress
Mike Stacey, David Woods, Lee Macconnachie, Sophie Britland, Simon Delves, Adrian Allsopp, Stephen Brett, Joanne Fallowfield & Christopher Boos
- P139** LGR4 and EAP1 mutations are implicated in the phenotype of self-limited delayed puberty
Alessandra Mancini, Sasha R Howard, Gerard Ruiz-Babot, Claudia P Cabrera, Michael R Barnes, Leonardo Guasti & Leo Dunkel

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POSTERS

- P140** Complications of radiation therapy (RT) for acromegaly
Saadat Issaeva, Zamira Khalimova, Adliya Khalikova & Shokhsanam Safarova
- P141** Hypobaric hypoxia induced neurodegeneration and memory impairment is glucocorticoid receptor dependent
Iswar Baitharu, Satya Narayan Deep & Govindasamy Ilavazhagan
- P142** Hypopituitarism is associated with decreased oxytocin concentrations and reduced empathic ability
Katie Daughters, Antony Manstead & Aled Rees
- P143** Investigation of hyperprolactinaemia in patients with polycystic ovarian syndrome
Omar El Tokhy, Emma Hatfield & Tricia Tan
- P144** Conservatively managed non-functioning pituitary adenoma – clinical and radiological course
Farooq Ahmed, Zafar Hashmi, Changez Jadun, Natarajan Saravanappa, Simon Shaw, John Ayuk & Biju Jose
- P145** The epigenetic modifying compound, JQ1+, increases apoptosis in pituitary tumours
Kate E Lines, Mark Stevenson, Panagis Filippakopoulos, Susanne Muller, Stefan Knapp, Chas Bountra & Rajesh V Thakker
- P146** Low risk of growth hormone deficiency post subarachnoid haemorrhage
Sumithra Giritharan, Kanna Gnanalingham & Tara Kearney
- P147** Incidental pituitary adenoma – clinical and radiological features
Zafar Hashmi, Gurmit Gill, Changez Jadun, Simon Shaw, Natarajan Saravanappa, John Ayuk & Biju Jose
- P148** Post-traumatic amnesia, but not acute CT brain findings, predicts pituitary dysfunction following traumatic brain injury
Triona O'Shea, Claire Feeney, Joanna Zaw-Linn, Carmen Tenorio Jimenez, Tim Han, David Baxter, David Sharp & Anthony Goldstone
- P149** Pituitary stalk thickening: use of an innovative MRI imaging analysis to guide clinical management
Emilia Sbardella, Robin N Joseph, Bahram Jafar-Mohammadi, Andrea M Isidori, Simon Cudlip & Ashley B Grossman
- P150** Morvan's syndrome: could insulin like growth factor-1 be a marker?
Simon Edeghere, Duncan Browne & Brendan McLean
- P151** MicroTSHoma – an emerging clinical entity with 'atypical' biochemical features and often 'normal' imaging characteristics on MRI
Olympia Koulouri, Carla Moran, Sarah Heard, Greta Lyons, Rob Smith, Franklin Aigbirhio, Nagui Antoun, Heok Cheow, David Halsall, Krish Chatterjee & Mark Gurnell
- P152** Development of an interactive patient database for the Royal Liverpool and Broadgreen University Hospital Trust's neuroendocrine tumour service; and auditing early baseline biochemical investigations for gastroenteropancreatic neuroendocrine tumours
Joseph Boylan, Sally-Ann Botchey, Aftab Ahmad & Mahmud Ahmad
- P153** Clinical and radiological presentation of craniopharyngioma in a mixed cohort of children and adult patients
Cristina Capatina, Mihaela Bodnarescu, Anda Dumitrascu, Andra Caragheorgheopol & Catalina Poiana

POSTERS

- P154** Non-functioning pituitary adenomas: characteristics and outcomes after trans-sphenoidal surgery
Rebecca Symes & Fraser Gibb
- P155** Biliary ultrasound and liver function testing in acromegaly before and after six months of somatostatin analogue therapy
Rosanne M A Cope, Andrew S Powlson, Sarah J Case, Olympia Koulouri & Mark Gurnell
- P156** The role of the microenvironment in the invasive phenotype of familial pituitary tumours
Sayka Barry, Eivind Carlsen, Emanuela Gadaleta, Dan Berney, Claude Chelala, Tatjana Crnogorac-Jurcevic & Márta Korbonits
- P157** Use of biguanides in the treatment of pituitary adenomas, an in vitro approach
Alejandro Ibáñez-Costa, M^a Carmen Vázquez-Borrego, Antonio C Fuentes-Fayos, Eva Venegas-Moreno, M^a Ángeles Gálvez, Alfonso Soto-Moreno, Rhonda D Kineman, Justo P Castaño & Raúl M. Luque
- P158** Follow-up of patients with SDHB mutations attending a tertiary endocrine service in Greater Glasgow and Clyde
Stefanie Lip, Claire Middleton, Guftar Shaikh, Nicola Bradshaw, Marie Freel, Robert Lindsay & Colin Perry
- P159** Dynamic hormonal diagnostics of acromegaly and Cushing's disease
Katerina Simunkova, Georgina Russel, Thomas Upton, Eystein Husebye, Paal Methlie, Kristian Lovas & Stafford Lightman
- P160** Measurement of urinary 5-hydroxyindole acetic acid: correlation between spot versus 24-hour urine collection
Matilde Calanchini, Michael Tadman, Jesper Krogh, Andrea Fabbri, Ashely Grossman & Brian Shine
- P161** Bone turnover is significantly increased in patients with active acromegaly while bone mineral density remains normal
Marko Stojanovic, Dragana Miljic, Sandra Pekic, Mirjana Doknic, Milan Petakov & Vera Popovic
- P162** The clinical, pathological and molecular differences between sparsely and densely granulated somatotroph adenomas
Mario Shaid, Sayka Barry, Emanuela Gadaleta, Claude Chelala & Márta Korbonits
- P163** Stereotactic radiosurgery as salvage therapy in refractory Cushing's disease: long-term outcome from a single institution
Kirun Gunganah, Mohammed Abdalla, S A Akker, S J B Aylwin, P N Plowman, J P Monson, Ian Sabin & W M Drake
- P164** Investigation of the appearance of adenohipophyseal folliculostellate cells during embryonic chick development
Iona Talintyre, Jo Begbie & Helen Christian
- P165** Olfactory neuroblastoma – a multicentre clinical and pathological review
Karen Young, Nara Orban, Peter Clarke, Ann Sandison, Catherine Gilkes, Ghassan Alusi & Márta Korbonits
- P166** Corticosteroid-driven response of synaptic plasticity-associated targets are differentially regulated in the rodent brain: transcriptional actions of receptor modulators
Chinedu Udeh-Momoh, Francesca Spiga, Eleanor Waite, Fiona Thomson & Stafford Lightman

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POSTERS

- P167** Polymorphism or mutation? – The role of the R304Q missense AIP mutation in the predisposition to pituitary adenoma
Nadira B Mothojakan, Francesco Ferrau, Mary N Dang, Anne Barlier, Philippe Chanson, Gianluca Occhi, Adrian F Daly, Christof Schöfl, Jakob Dal, Mónica R Gadelha, Mark Ludman, Sonal Kapur, Donato Iacovazzo & Márta Korbonits
- P168** Combining conventional treatment and complementary therapies benefits pituitary patients
Zosanglura Bawlchhim, Isuri Kurera, Val Corser, Roselle Herring, Anne Pike, David Russell-Jones, Victoria Hordern & Sue Davidson
- P169** Significance of cumulative GH exposure in patients with acromegaly: comparison between patients in whom control was achieved and patients with active disease
Lakshminarayanan Varadhan & Richard Clayton
- P170** Audit of adult GH replacement therapy in Derby
Seifeldin Yahia, Edmond Quah, Rebecca Kinton, Hisham Ali & Roger Stanworth
- P171** The role of kisspeptin in the medial amygdala on male sexual behaviour in rats
Rebecca Gresham, Shengyun Li Li, Daniel Adekunbi, Minghan Hu, Xiao Feng Li Li & Kevin O'Byrne

NURSING

- P172** Steroid replacement education: are we getting it right?
Veronica Kieffer, Emma Bremner, Carole Robinson, Ragini Bhake, Narendra Reddy & Miles Levy
- P173** Acromegaly tea party – a way of providing education in a relaxed environment
Amanda Morcombe, Clare Whicher & Jean Munday

OBESITY

- P174** Expression of insulin receptor and glucose transporter-4 in the skeletal muscle of chronically stressed rats
Ayodele Morakinyo, Bolanle Iranloye, Titilola Samuel, Adekunle Mofolorunso & Adefunke Adegoke
- P175** Impaired glucose tolerance due to altered expression of INSR and GLUT4 receptors in restraint stress rat
Ayodele Morakinyo, Kolawole Ajiboye & Olufeyi Adegoke
- P176** Five years on: a qualitative exploration of beliefs prior to and following gastric banding using a theory of planned behaviour framework
Jude Hancock, Sue Jackson & Andrew Johnson
- P177** Glucocorticoid treatment rapidly increases AgRP and food intake with delayed effects on other metabolic systems
Erika Harno, Alison Davies, Tiffany-Jayne Allen, Charlotte Sefton, Jonathan R Wray, Thanuja Gali Ramamoorthy, Anthony P Coll & Anne White
- P178** Dramatic weight loss induced by dapagliflozin and tier 3 obesity service support
Daniel K Border & Thomas M Barber
- P179** Metabolic endotoxaemia impairs mitochondrial respiration and insulin sensitivity in human adipocytes
Lucia Martinez de la Escalera, Laura Jackisch, Alice Murphy, Milan Piya, Sudhesh Kumar, Gyanendra Tripathi & Philip G McTernan

POSTERS

- P180** Metabolic Surgery with Roux-en-Y gastric bypass is an effective treatment in patients with familial partial lipodystrophy and body mass index less than 35 kg/m²
Claire Adams, David Savage, Lisa Gaff, Catherine Flanagan, Charlotte Jenkins-Liu, Robert Semple, Elaine Withers, Stephen O'Rahilly & Anna Stears
- P181** The impact of a tier 3 weight loss service on quality of life (QoL): a retrospective service evaluation project
Esme Ingram, Anjali Zalin, Charlotte Quarrie, Kevin Shotliff, Daniel Morganstein, Veronica Greener & Lucy Turnbull
- P182** Concentrations of endocrine disrupting chemicals in liver and adipose tissue in the United Kingdom
Thozhukat Sathyapalan, Lesa Aylward, Martin Rose, Steve Petch, Natalie Thatcher & Stephen Atkin
- P183** Impact of paternal cholestasis on the metabolic phenotype of female offspring
Vanessa Pataia, Georgia Papacleovoulou, Lucilla Poston & Catherine Williamson
- P184** Prevalence and factors associated with dyslipidaemia among HIV Patients in Kano, Northwestern Nigeria
Fakhraddeen Muhammad, Andrew Uloko, Ibrahim Gezawa, Adenike Enikuomehin, Aliyu Mukhtar & Fauziyya Muhammad
- P185** A retrospective study assessing the effects of OSA in women with PCOS attending the weight management clinic
Hassan Kahal, George K Dimitriadis, Ioannis Kyrou, Asad Ali, Abd A Tahrani & Harpal Randeva

- P186** Suppression of isoproterenol-induced lipolysis by insulin in rat visceral adipose tissue explants is increased with ageing: consequences on adiposity
Alejandro Fernandez, Cristina Pintado, Sergio Gomez, Carmen Arribas Nilda Gallardo & Antonio Andres
- P187** NAD⁺ supplementation normalises central carbon metabolism in skeletal muscle: a mechanistic insight into the energetic consequences of age-related NAD⁺ decline
Lucy Oldacre-Bartley, Rachel Fletcher, Kate Hollinshead, Yasir Elhassan, Craig Doig, Daniel Tennant, Christian Ludwig & Gareth Lavery
- P188** Low maternal B12 associates with higher leptin in maternal adipose tissue, placental tissue and cord blood
Antony Sunil Adaikalakoteswari, Manu Vatish, Ilona Goljan & Ponnusamy Saravanan
- P189** Mechanisms of ageing metabolic decline revealed by targeted metabolomics and energy metabolism in NAD⁺-depleted skeletal muscle
Rachel Fletcher, Lucy Oldacre-Bartley, Craig Doig, Charles Brenner & Gareth Lavery
- P190** Maternal high fat diet exposure and offspring metabolism: a meta-regression analysis of animal models
George Ribaroff, Elizabeth Wastnedge, Amanda Drake, Richard Sharpe & Thomas Chambers
- P191** Freeze dried broccoli extract relieves ER stress and mitochondrial inefficiency in differentiated human pre-adipocyte cells
Alice Murphy, Lucia Martinez de la Escalera Clapp, Laura Jackisch, Sahar Azharian, Alanoud Aladel, Guy Barker, Gyanendra Tripathi, Michael Chappell & Philip McTernan

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POSTERS

- P192** RNA-seq of mouse arcuate nuclei reveals pathways perturbed by glucocorticoid treatment
Jonathan Wray, Erika Harno, Alison Davies, Charlotte Sefton, Tiffany-Jayne Allen, Brian Y H Lam, Giles S H Yeo & Anne White
- P193** Tunicamycin-induced ER stress mediates mitochondrial dysfunction in human adipocytes
Laura Jackisch, Lucia Martinez de la Escalera, Alice Murphy, Nasser Al-Daghri, Philip McTernan, Harpal Randeva & Gyanendra Tripathi
- P194** Impact of weight gain on long-term outcomes in women with Turner syndrome: the Turner syndrome life course project
Antoinette Pimblett, Thomas J King, Vikram Talaulikar, Melanie Davies & Gerard Conway
- P195** Adrenal insufficiency post gastric bypass surgery
Vinod Joseph, Manish Kushe, Suresha Muniyappa & Chinnadorai Rajeswaran
- P196** L-Phenylalanine modulates gut hormone release, and suppresses food intake in rodents via the calcium-sensing receptor
Mariana Norton, Amin Alamshah, Eleanor Spreckley, James S Kinsey-Jones, Anjali Amin, Fanyi Li, Ishani Canisius, Rebecca Johnson, Elina Akalestou, Zainab Malik, Stephen R Bloom & Kevin G Murphy
- P197** Administration of FGF21 analogue ameliorates hyperglycaemia in streptozotocin-induced diabetic mice
In-Kyu Lee
- P198** Progesterone and oestrogen regulation of gene expression related to acylation stimulating protein production and function in ex vivo adipose tissue explant culture
Bashair Al Riyami, Simon Langley-Evans, Andrew Salter & Jumana Saleh

- P199** Endocannabinoid receptor blockade increases vascular endothelial growth factor and inflammatory markers in obese women with PCOS
Thozhukat Sathyapalan, Zeeshan Javed, Eric S Kilpatrick, Anne-Marie Coady & Stephen L Atkin

REPRODUCTION

- P200** Defining uterine insulin resistance
Ruijin Shao, Yuehui Zhang, Min Hu & Håkan Billig
- P201** Alterations of specific caveolin isoforms in the rat uterus under insulin resistance and hyperandrogenism conditions: does metformin contribute to their regulation?
Min Hu, Yuehui Zhang, Xue Sun, Xiaoyan Sun, Fanci Meng, Ruijin Shao & Håkan Billig
- P202** Understanding and supporting women with polycystic ovary syndrome: a qualitative study in an ethnically diverse UK sample
Michelle Hadjiconstantinou, Hamidreza Mani, Naina Patel, Miles Levy, Melanie Davies, Kamlesh Khunti & Margaret Stone
- P203** Elicitation of oestrogenic and anti-androgenic mechanisms by oleic acid in pubertal male rats
Oluwakemi Oyelowo & Adeyombo Bolarinwa
- P204** Gonadotropin induction of spermatogenesis in men with hypogonadotropic hypogonadism: an audit
Pushpa Jinadev, Tomas Ahern, Lakshmi Pichaipillai, Khaled Tofeec, Christine Gibson, Nicci Komlosy & Frederick Wu

POSTERS

- P205** An audit of success rates of the induction of spermatogenesis clinic at University College London Hospitals
Anastasia Dimakopoulou, Taofeek Ojewuyi, Sofia Llahana, Stephanie Baldeweg & Gerard Conway
- P206** The effects of Vitamin D on the outcomes of controlled ovarian stimulation in women with and without polycystic ovary syndrome undergoing in vitro fertilisation
Thomas Cunningham, Victoria Allgar, Stephen Atkin, Eric Kilpatrick, Stephen Maguiness & Thozhukat Sathyapalan
- P207** Bacterial isolates associated with semen and mouth of infertile men
Titilola Samuel, Omobonike Olagunju & Segun Nwhator
- P208** Anti-Müllerian hormone (AMH) and antral follicle count (AFC) are predictive markers in the assessment of patients with menstrual disturbance
Ali Abbara, Sophie Clarke, Rachel Roberts, Sunitha Vimalesvaran, Alexander Comminos, Georgios Christopoulos, Rumana Islam, Steven Franks, Geoffrey Trew & Waljit Dhillon
- P209** Profiling the decidualisation response of women with endometriosis reveals diverse patterns of steroid responsiveness
Ioannis Simitsidellis, Douglas A Gibson, Olympia Kelepouri, Andrew W Horne & Philippa T K Saunders
- P210** Safety and tolerability of inducing completion of puberty with IM testosterone over 1 year in older men with congenital hypogonadism and absent puberty
Agnieszka Pazderska, Satish Artham, Margaret Miller, Margaret Morris, Steve Ball & Richard Quinton

- P211** Insight into the molecular mechanisms underlying alterations in gonadotropin receptor activity in polycystic ovarian syndrome
Lisa Owens, Avi Lerner, Silvia Sposini, George Christopoulos, Shiran Khanjani, Razia Islam, Stuart Lavery, Vicky Tsui, Kate Hardy, Stephen Franks & Aylin Hanyaloglu
- P212** Gonadotrophin secretion is a useful adjunct in the diagnosis of patients with hyperprolactinaemia
S Clarke, A Abbara, A Nesbitt, S Ali, AN Comminos, E Hatfield, NM Martin, A Sam, K Meeran & W Dhillon
- P213** The relation of liver enzymes and insulin resistance in women with polycystic ovary syndrome (PCOS)
Djuro Macut, Ivana Bozic-Antic, Konstantinos Tziomalos, Jelica Bjekic-Macut, Dusan Ilic, Danijela Vojnovic-Milutinovic, Olivera Stanojlovic & Dimitrios Panidis
- P214** Correlation of maternal serum insulin growth factor 1 and 2 to predict foetal outcome
Amrit Gupta, Swasti Tiwari & Nisha Singh
- P215** Fertility effects of curcumin - a kitchen spice on male Wistar rat
Bolanle Iranloye & Oghochukwu Uweru
- P216** Androsterone Glucuronide to dehydroepiandrosterone sulphate ratio is higher in obese Caucasian women with polycystic ovary syndrome
Thozhukat Sathyapalan, Lina Ahmed, Brian Keevil, Adrian Miller, Eric Kilpatrick & Stephen Atkin
- P217** A prospective cohort study investigating endocrine disrupting agents and polycystic ovary syndrome within an IVF setting
Thomas Cunningham, Victoria Allgar, Stephen Atkin, Eric Kilpatrick, Stephen Maguiness & Thozhukat Sathyapalan

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POSTERS

- P218** Validation and implementation of a diagnostic NGS panel in Scotland for disorders of sex development
L A Diver, V Cerqueira, A Purvis, R Nixon, E S Tobias, R McGowan, S F Ahmed & N Williams
- P219** Regulation of the renin-angiotensin system by salt in BeWo and JEG-3 cells
Raheel Klossner, Paula Williams, Nicole Eisele, Lesia Kurlak, Markus Mohaupt & Hiten Mistry
- P220** Management of Turner's syndrome women with liver involvement: FIB-4 score is a promising marker of fibrosis
Matilde Calanchini, Ahmad Moolla, Jeremy W Tomlinson, Jeremy Cobbold, Andrea Fabbri, Ashley Grossman & Helen Turner
- P221** Turner's syndrome and liver involvement: prevalence and characterisation of a large population with Turner's syndrome
Matilde Calanchini
- P222** The role of the epidermal growth factor (EGF) receptors (ErbBs) in mouse pre-antral follicle development
Kacie Thomson, Victoria Atess, Mhairi Laird, Stephen Franks & Kate Hardy
- P223** Outcome of ovarian stimulation for oocyte cryopreservation in women with Turner syndrome
Vikram Talaulikar, Antoinette Pimblett, Melanie Davies & Gerard Conway
- P224** Case series of 10 46,XX DSD males
Artemis Vogazianou, Mahesh Deore & Gerard Conway
- P225** Spontaneous pregnancy in Turner's syndrome: an optimistic analysis
Matilde Calanchini
- P226** A multidisciplinary specialist team for pregnancy in Turner's syndrome improves survival and maternal and foetal outcomes
Gayathri Kumarasinghe, Matilde Calanchini, Lucy Mackillop, Emma Weingart, Elizabeth Orchard & Helen Turner
- P227** Re-evaluation of safety in pregnancy following oocyte donation in Turner's syndrome; is it time to modify the guidelines?
Gayathri Kumarasinghe, Matilde Calanchini, Lucy Mackillop, Emma Weingart, Elizabeth Orchard & Helen Turner
- P228** Causes of primary amenorrhea in women evaluated in an academic centre of adult endocrinology
Monica Livia Gheorghiu, Constantin Cucu, Raluca Alexandra Trifanescu, Corin Badiu & C Davila
- P229** Effect of predator-induced psychosocial stress on implantation and pregnancy outcome in rats
Bolanle Iranloye, Oluwatoyin Medubi & Olufeyisipe Adegoke
- P230** Serum total cholesterol, thyroid hormone concentrations and haematological variables in cyclic and acyclic Nili-Ravi buffaloes
Muhammad Usman Ghani, Ijaz Ahmad, Nazir Ahmad, Ashar Mehfooz & Nabeel Ijaz
- P231** Hormonal profiling to detect male mini-puberty: a rapid and accurate diagnostic approach in suspected cases of congenital hypogonadotropic hypogonadism
Yaasir Mamoojee, Tim Cheetham, Alison Murdoch & Richard Quinton

POSTERS

- P232** Levels of reactive oxygen species (ROS) in the seminal plasma predicts the effectiveness of L-carnitine to improve sperm function in men with infertility
Wayne Vessey, Cassandra McDonald, Ashraf Virmani, P Almeida, Channa Jayasena & Jonathan Ramsay
- P233** The use of the radiologically determined U grading for thyroid nodules prior to fine needle aspiration is a reliable and highly predictive way to determine abnormal cytology
Ehtasham Ahmad, Aleksandra Plictha & Stonny Joseph
- P234** Serum thyroid function, mortality and disability in a cohort of 85-year-olds
Salman Razvi, Mohammad Yadegarfar, Carmen Martin-Ruiz, Andrew Kingston, Joanna Collerton, Theo Visser, Tom Kirkwood, Carol Jagger & Simon Pearce
- P235** Hypothyroidism induces hyperplasia of unilocular adipocytes in perirenal adipose tissue of the ovine foetus
Shelley E Harris, Miles J De Blasio, FB Peter Wooding, Dominique Blache, David Meredith, Abigail L Fowden & Alison J Forhead
- P236** Increasing awareness of Graves' orbitopathy with 'early warning' cards - a TEAMeD multicentre quality improvement project
Anna L Mitchell, Nicola Zammitt, Ramzi Ajjan, Bijay Vaidya, Janis Hickey, Petros Perros & Colin Dayan
- P237** Management and investigations of a woman with hypothyroidism before and during pregnancy in a joint medical-obstetric clinic a DGH
Tala Balafshan, Paula Chattington & Oliver Llewellyn
- P238** Five-year follow-up of patients who received radioiodine therapy at district general hospital
Hussam Abusahmin
- P239** Optimising the medical treatment of Graves' disease through developing a novel carbimazole-dosing algorithm
Rosalind Brewster, Ali Abbara, Sophie Clarke, Alexander Comminos, Deborah Peters, Amir Sam, Karim Meeran & Waljit Dhillo
- P240** Epidemiology, management and outcomes of Graves' disease in a UK population - a retrospective cohort study
Yusuf Hussain, Jessica Hookham, Amit Allahabadia & Sapabathy Balasubramanian
- P241** Contrasting phenotypes in resistance to thyroid hormone α correlate with divergent properties of thyroid hormone receptor $\alpha 1$ mutant proteins
Carla Moran, Maura Agostini, Anne McGowan, Erik Schoenmakers, Louise Fairall, Greta Lyons, Odelia Rajanayagam, Laura Watson, Amaka Offish, John Barton, Susan Price, John Schwabe & Krishna Chatterjee
- P242** Occupational disability and access to psychological tools in thyroid eye disease
Jennifer Kim, Anne Cook & Claire Higham
- P243** Evaluation of clinical diagnosis of Graves' or non-Graves' hyperthyroidism compared to gold-standard TRAb test
Lauren Bell & Akheel Syed
- P244** TIGIT gene variants and thyroid disease susceptibility in dogs and humans
Ishita Bhatnagar, Jonathan Massey, Lorna Kennedy, William Ollier, Heather Cordell, Simon Pearce & Anna Mitchell

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POSTERS

- P245** Thyroid autoimmunity as a biomarker of breast cancer outcome: large-scale study using data from the Taxotere as Adjuvant Chemotherapy Trial (TACT: CRUK01/001)
Ilaria Muller, Lucy Kilburn, Peter Taylor, Peter Barrett-Lee, Judith Bliss, Ellis Paul, Ludgate Marian & Colin Dayan
- P246** High tumoural expression of PBF and PTTG modulates the DNA damage response and is associated with poor survival in thyroid cancer
Martin Read, Jim Fong, Waraporn Imruetaicharoenchoke, Hannah Nieto, Bhavika Modasia, Alice Fletcher, Rebecca Thompson, Neil Sharma, Andrea Bacon, John Watkinson, Kristien Boelaert, Andrew Turnell, Vicki Smith & Christopher McCabe
- P247** Aiming for a serum TSH in the higher reference range in older levothyroxine-treated hypothyroid individuals - a randomised controlled proof of concept trial (SORTED 1)
Salman Razvi
- P248** One-third of thyroid radionuclide uptake scans is deferentially interpreted leading to potentially differential treatment for patients with thyrotoxicosis
Aftab Aziz, Tamar Avades, Richard Poyner, Bijay Vaidya & Kashyap Patel
- P249** ESR2 mutations in RET mutation-negative familial medullary thyroid carcinoma
Wazir K Afghan, Donato Iacovazzo, Maria Alevizaki, William Foulkes, Francesca Lugli, Maralyn Druce, Pinaki Dutta, Mary N Dang, Plamena Gabrovska, Patrick J Morrison, Martina Owens, Sian Ellard, Julian Sampson, Laura De Marinis & Márta Korbonits
- P250** Auditing outcomes post radioiodine therapy in patients with hyperthyroidism
Venugopal Vimal, Vito Carone, Thrastos Macriyiannis & Miles Levy
- P251** Distribution of free T4 levels in patients with low-risk thyroid cancer on thyroid hormone replacement and pituitary diseases: comparison with the normal population
Khyatisha Seejore, Nikolaos Kyriakakis, Georgina Gerrard, Vanessa Gill & Robert D Murray
- P252** Weight-related concerns in endocrine outpatients and its relationship to thyroid function
Angelos Kyriacou, Alexis Kyriacou & Nicholas Economides
- P253** Prognostic factors of unsuccessful medical treatment of hyperthyroidism; longitudinal analysis of outcomes in the cohort of 538 patients
Barbara Torlinska, Oliver Johnson & Kristien Boelaert
- P254** An audit on fixed dose (555 MBq) radioactive-iodine for hyperthyroidism at a university hospital
Arun Muthukaruppan Alagar Vijay, Julie Cooper, Lakshminarayanan Varadhan & Ananth U Nayak
- P255** Comparison of post-operative histology versus pre-operative cytology in thyroidectomy patients who had two pre-operative fine needle aspirates (FNA)
Gurmit Gill, Sushuma Kalidindi, Paul Wilson, Karthik Kalyansundaram, George Varughese & Lakshminarayanan Varadhan
- P256** How effective are thyroid ultrasound and cytology compared with histology in identifying thyroid malignancy in thyroidectomy patients?
Sushuma Kalidindi, Gurmit Gill, George Varughese & Lakshminarayanan Varadhan
- P257** Vitamin D supplementation in Graves' disease and risk of relapse
Suhel Ashraff, Caroline Addison, Vasileos Tsalidis & Salman Razvi

POSTERS

- P258** The fluctuating clinical and biochemical thyroid status of patients with oscillating TSH receptor antibody predominance
Georgina Wordsworth, Lia Anguelova & Tony Robinson

EPOSTERS

- EP1** An unusual presentation of 17alpha hydroxylase deficiency
Maura Moriarty, Jeannie Todd, Francis Lam, Gill Rumsby & Florian Wernig
- EP2** Cushing's disease detected following an adrenal incidentaloma
Shailesh Gohil, Veronica Kieffer & Miles Levy
- EP3** Apparent mineralocorticoid excess due to daily consumption of liquorice-containing tea
Isolda Frizelle, Domnhal J. O'Halloran & Mohammed Sohail Anjum
- EP4** Failure to suppress TSH in thyroid cancer - could it be Addison's disease?
George E Fowler, Jonathan Wadsley, Jonathan Webster & Sabapathy P Balasubramanian
- EP5** Adrenal TB: the great master of disguise!
Eswari Chinnasamy, C Cosgrove, N Beharry & G Bano
- EP6** Prednisolone 3 mg once daily should be the glucocorticoid replacement for hypopituitarism
Pratibha Machenahalli, Sirazum Choudhury & Karim Meeran
- EP7** An unusual case of adrenal metastases
Moayed Alhelfi, Annice Mukherjee, Adam Robinson, Lili Nelson & Emma Baker
- EP8** Will the routine use of high dose steroids for alcoholic hepatitis result in an increased incidence of clinically significant hypocortisolism in patients with liver cirrhosis?
Priya Karia, Vassiliki Bravis, Victoria Salem, Shiva Radhakrishnan & Dri Choa
- EP9** Case of prolonged hypoaldosteronism after unilateral adrenalectomy for Conn's syndrome
Natasha Shrikrishna, Naing Koko, Ellen Jones, Betty Loumpardia, Steven Wong & Aye Nyunt
- EP10** Psediatric Cushing's syndrome due to primary pigmented nodular adrenocortical disease
Dia Eddine Boudiaf & Farida Chentli
- EP11** Elevated renin levels heralds adrenocortical involvement in a case of adrenoleukodystrophy
Mehjabeen Beebeejaun, Laura To, Yaqza Hussain, Matthew Craner, Frances Coyle, Emma Bingham & Jennifer Tringham
- EP12** Bilateral adrenal haemorrhage secondary to non-meningococcal sepsis
Malgorzata Lubczynska, Thrastos Macriyiannis & Marie-France Kong
- EP13** Pheochromocytoma in pregnancy
Kavitha Dhevi Krishnasamy Ganapathy, Murali Ganguri, Shilpa Mahadasu & Rasha Mukhtar
- EP14** "Not another bloody case of low sodium"
Sobia Arshad & Denis Barnes
- EP15** Primary pigmented nodular adrenocortical disease: a rare cause of Cushing's syndrome
Catriona Kyle & Roland Stimson
- EP16** X-linked adrenoleukodystrophy - a rare cause of Addison's disease
Claudia Matta-Coelho, Selma B Souto & Olinda Marques

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POSTERS

- EP17** “Please don’t operate on this patient” – a case of adrenaline running high
Irfan Khan, Faisal Hasan & Kathryn Lonnen
- EP18** Bilateral adrenal nodules and pheochromocytoma associated with neurofibromatosis
Zeenat Banu & Ravi Menon
- EP19** Challenging hypercalcaemia
Rahat Tauni & Nida Ali
- EP20** Adult presentation of hypophosphatasia due to a novel compound heterozygous tissue nonspecific alkaline phosphatase (ALPL) mutation
Catriona Farrell, Judith Strachan, Sripada Sankar, Catherine McWilliam, Faz Alipour, Paul Newey & Chris Schofield
- EP21** Severe hypercalcaemia following Vitamin D replacement therapy in patient found to have co-existing sarcoidosis and primary hyperparathyroidism
Jodie Sabin, Jack Scannell, Jane Donald & Alison Evans
- EP22** Albright hereditary osteodystrophy
Tobias Cox, Rajni Mahto, Umar Raja & Rakhi Kakad
- EP23** Idiopathic infantile hypercalcaemia (IHH) caused by a missense mutation of 1,25-dihydroxyvitamin D2 24-hydroxylase (CYP24A1)
Victoria Stokes, Caroline Gorvin, Bahram Jafar-Mohammadi, Fiona Ryan & Rajesh Thakker
- EP24** An unusual case of hypercalcaemia
Grace Pink, Ramanand Athavale, Shatrughan Sah & Rajni Mahto
- EP25** Association of neurofibromatosis type 1 with primary hyperparathyroidism: report of a case
Emily Austin & Andrew Bates
- EP26** Osteocalcin suppression may be a useful marker of steroid exposure
Yvette Ang, Adam Leckey, Sirazum Choudhury, Alan Courtney, Tricia Tan & Karim Meeran
- EP27** Maternal hypercalcaemia due to CYP24A1 loss of function mutations
Thomas Upton, Chris Florkowski, Ian Phillips & Penny Hunt
- EP28** Lithium associated hyperparathyroidism (LAH): Cinacalcet is an effective alternative treatment option
Satya V Sagi, Neelima Jampana, Jeyanthi Rajkanna & Samson Oyibo
- EP29** Severe hypercalcaemia in sarcoidosis: is Vitamin D replacement safe?
Ahmed El-Laboudi, Rozana Ramli & Emma Hatfield
- EP30** Hypercalcaemia-induced psychosis due to primary hyperparathyroidism in pregnancy
Alice Thomas, Kirun Gunganah, Girish Rayanagoudar, Eliot Williams, Philippa Hanson, Williams Drake, Daniel Berney, Laila Parvanta, Simon Kirwin & Karl Metcalfe
- EP31** Hypercalcaemia due to pelvic sarcoidosis
Julia Burkert, Jane Evans & Nicola Neary
- EP32** Normocalcemic tetany after parathyroidectomy for hyperparathyroidism
Umaira Aziz, Ritwika Mallik, Swarupini Ponnampalam & Ali Rathore
- EP33** Can parathyroid carcinoma be predicted preoperatively?
Adnan Agha, Kerrie Anne Aldridge & Sofia Salahuddin
- EP34** A pain in the neck (or is it in the neck?)
Rodica Chelmenciuc & Raj Tanday
- EP35** An interesting case of ‘skyrocketing hypercalcaemia’
Irfan Khan, Jawad Bashir & Fong Chau

POSTERS

- EP36** Periodic episodes of weakness over 7 years
Jolyon Dales, Pradeep Vasudevan & Marie-France Kong
- EP37** Spurious hypoglycaemia caused by an IgM paraprotein
Annie Armston, Nadia Zarif & Daryl Meeking
- EP38** Hypokalaemic periodic paralysis
Vikram Aarella, Anjan Lenkalapally, Ramya Parasa, Mahesh Cheryala & Bhavani Merugu
- EP39** A young person with recurrent severe hypokalaemia – familial, iatrogenic or just unknown?
Muhammad Shafiqat, Navya Basavaraju, Srinivasa Rangan, Prashant Singh & Probal Moullick
- EP40** Insulinoma misdiagnosed as alcohol-induced hypoglycaemia
Khaled Tofeac, Michelle Howarth & Prasanna Rao-Balakrishna
- EP41** A rare case of diabetic ketoacidosis (DKA) in a patient with genetically confirmed maturity onset diabetes of young (MODY)
Hannah Mcquade, Sajjad Ahmad & Stanaway Stephen
- EP42** Birds of a feather flock together: maternally inherited diabetes and deafness And mitochondrial encephalopathy lactic acidosis and stroke-like episodes
Adnan Agha, Yousuf Ansari, Hammad Bajwa & Jonathan Webber
- EP43** Navigating troubled waters: hyperglycaemic hyperosmolar state precipitated by nephrogenic diabetes insipidus
Parizad Avari, Aditi Sharma, Suhaniya Samarasinghe & Quirinius Barnor
- EP44** A case of reversible elevation in liver enzymes in a patient with poorly controlled type 1 diabetes
Nneka Obisi, Adam Al-Hakim, Hassan Kahal & Belinda Allan
- EP45** An unusual cause of hypoglycaemia
Steven Law, Triona O’Shea, Penelope Hyatt, Anukul Garg & Chidambaram Nethaji
- EP46** Management of thyrotoxicosis with chronic neutropenia; case report
Nida Pasha, Kathryn Hodson, M Vidarthi, Nemanja Stojanovic & Frederick Nkonge
- EP47** Hyperosmolar hyperglycaemic state following diazoxide therapy for insulinoma
Arshiya Tabasum, Peter Taylor, Thomas Dacruz, Katherine Kang, Mina Wenike-Briggs, Katie Jenkins & Hemanth Bolusani
- EP48** Resistant hypertension – a fourth cause?
Katherine Powell & Khin Swe Myint
- EP49** A case of euglycaemic diabetic ketoacidosis in a patient treated with canagliflozin
Katherine Hodson, Nida Pasha, Edel Casey, Gangani Yakandawala & Nemanja Stojanovic
- EP50** Acute disseminated encephalomyelitis (ADEM) secondary to severe diabetic ketoacidosis
Anne DeBray, Karthik Munichoodappa, Amar Puttanna & Parijat De
- EP51** Spontaneous hypoglycaemia in a non-diabetic man with end stage renal disease caused by repaglinide or endogenous hyperinsulinaemia: an enigma entangled
Rahat Ali Tauni, Shiu-Ching Soo & Ritwik Banerjee

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POSTERS

- EP52** Adrenal carcinoma, a rare incidental finding: case presentation
Ana Maria Hilma, Adriana Gogoi, Simona Jercalau & Corin Badiu
- EP53** Common features of giant prolactinoma and paranasal neuroendocrine carcinoma – case report
Adriana Gogoi, Lidia Radomir, Ana Maria Hilma, Cristina Stancu, Maria Picu, Simona Jercalau & Corin Badiu
- EP54** A rare case of type 2 diabetes for 35 years on metformin who developed insulinoma and diazoxide induced renal failure
Muhammad Alam, Adnan Agha, Hammad Bajwa & Brian Mtemrerwa
- EP55** Pituicytoma – lessons from anabolic steroid abuse?
Amber Khan, Malcolm Littley & Jonathan Lim
- EP56** An unusual case of a para-sellar mass
Ramesh Kumar, Ashutosh Surya, Anthony Dixon & David Watson
- EP57** Co-existent macro-prolactinoma, raised free T4 and right sided facial nerve palsy
Shailesh Gohil, Ragini Bhake, Narendra Reddy & Miles Levy
- EP58** Endocrine dysfunction in diamond blackfan anaemia
Maria Rita Talla, Louisa McIlwaine, Maurizio Panarelli & Kate Hughes
- EP59** New onset sarcoidosis following treatment of Cushing's disease
Ross Andrew Cairns & Lesley Hall
- EP60** Extra-pancreatic, extra-intestinal pancreatic polypeptide secreting tumour presenting as a case of diarrhoea
Ehtasham Ahmad & Stonny Joseph
- EP61** A rare case of follicular stimulating hormone (FSH) secreting pituitary adenoma in male
Punith Kempegowda, John Ayuk & Andrew Toogood
- EP62** Protienurea, oedema, murmur and skin rash – an interesting case of gut carcinoids
Khwaja Nizamuddin, Sajjad Ahmad, Rajesh Thaman & David Glover
- EP63** Carney complex – a 30 year journey
Gideon Mlawa, Dora Affam & Marek Oshodi
- EP64** A case of anterior hypopituitarism as the initial presentation in pituitary metastasis from breast cancer
Vindya Gunawardena, Madeline Candelario-Cosme & Howard Lilienfeld
- EP65** Pituitary apoplexy precipitated by head trauma in a Nigerian: A case report
Bolanle Okunowo & Morgan Eghosa
- EP66** Vanishing Insulin Requirements in patient with type 1 Diabetes
Dinesh Nagi & Ravikumar Bachuwar
- EP67** Ectopic somatotroph adenomas
Farida Chentli
- EP68** Panhypopituitarism secondary to compression by bilateral 'kissing' internal carotid artery aneurysms
Harriet Daultrey & Andy Smith
- EP69** Cushing's Syndrome secondary to ACTH-producing prostate adenocarcinoma: a case report
Marcello Scopazzini, Josh Pomroy, Emma Hatfield & Rozana Ramli
- EP70** Rare source of catecholamine secretion in two cases
Yasmeen Khalid, Eswari Chinnasamy, Jonny Vlahos, Katie Snape & Gul Bano

POSTERS

- EP71** Morvan's syndrome: could insulin like growth factor-1 be a marker?
Simon Edeghere, Duncan Browne & Brendan McLean
- EP72** A case of pituitary hypophysitis following treatment with ipilimumab
Fizzah Iqbal, Nidhi Choudhary & Daniel Flanagan
- EP73** Somatostatin analogue use to treat visual field loss in acromegaly newly diagnosed in pregnancy
Isolda Frizelle & D J O'Halloran
- EP74** Hypopituitarism secondary to carotid artery aneurysm complicating a new presentation of hepatocellular carcinoma
Lavanta Farouk, Janine Makaronidis & Anukul Garg
- EP75** The challenges to diagnose and differentiate TSHoma from thyroid hormone resistance: a case report
Khalid Hamdan, Olympia Koulouri, Mark Gurnell, Krishna Chatterjee & Penelope Owen
- EP76** Acromegaly gigantism with dilated cardiomyopathy and heart thrombus
Farida Chentli, Amina Laloui, Dia Eddine Boudiaf & Said Azzoug
- EP77** A patient who presented unresponsive and unseated from the sella
Kathryn Stammers & Andrew Solomon
- EP78** Heterogeneous presentation of giant prolactinoma
Lidia Radomir, Adriana Gogoi, Simona Jercalau & Corin Badiu
- EP79** Pseudoacromegaly – a differential diagnostic problem for acromegaly
Rupert Spencer, Per Dahlqvist, Mary N Dang, Gudmundur Johannsson & Márta Korbonits
- EP80** Glioma in an AIP mutation carrier patient
Shiv Datta, Mary N Dang, Atik Baborie & Márta Korbonits
- EP81** Retroperitoneal fibrosis presenting with panhypopituitarism
Maria Rita Talla, Kate Hughes, Lucy McGeoch, James Boyle, Russell Drummond & David Carty
- EP82** Pituitary atrophy: a rare cause of panhypopituitarism
Manish Shrikrishna Kushe, Vinod Joseph, Chinnadorai Rajeswaran & Suresha Muniyappa
- EP83** Sweaty arms and legs: is it acromegaly?
Chong Lim, Maura Moriarty, Shakunthala Narayanaswamy & Jeannie Todd
- EP84** Delayed diagnosis in a case of insulinoma due to hypoglycaemia unawareness
Vinod Joseph, Manish Kushe, Chinnadorai Rajeswaran & Suresha Muniyappa
- EP85** Spontaneous resolution of primary amenorrhoea in a patient with mosaic Turner's syndrome
Yaasir Mamoojee, Phil Jones, Jane Stewart, Meena Choudhary & Richard Quinton
- EP86** Central autonomisation of peripheral precocious puberty
[author name missing]
- EP87** Thionamide in a neutropenic thyrotoxic patient – culprit or cure
P Kumar
- EP88** Thyrotoxic Graves' disease presenting with hypokalaemic periodic paralysis
Jacopo Scotucci
- EP89** An unusual cause of thyrotoxicosis
Ramesh Kumar, Ashutosh Surya & Anthony Dixon

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POSTERS

- EP90** Thyroid dysfunction caused by three different thyrosine kinase inhibitors
Siva Sivappriyan, Viktoria Clarke, Jesse Kumar & Supriya Joshi
- EP91** Papillary thyroid cancer within an autoimmune goitre: two birds with one stone
Emma Bremner, Veronica Kieffer, F J Uddin & Miles Levy
- EP92** A case of uncontrolled thyrotoxicosis and congestive heart failure due to Graves' disease
Clement Aransiola & Michael Olamoyegun
- EP93** A different cause of thyrotoxicosis: alemtuzumab-induced thyrotoxicosis
Fareha Bawa, Dhanya Kalathil & Sid McNulty
- EP94** A case of severe hypercalcaemia caused by hyperthyroidism with concomitant adrenal insufficiency
Jodie Sabin, Hannah Coakley & Alison Evans
- EP95** Thyrotoxicosis resistant to treatment: Graves' disease or factitious thyrotoxicosis: a puzzle
Dinesh Nagi, Simon Holems & Richard Jenkins
- EP96** Acute confusion in a cyclist
Angeliki Giannopoulou, Sian Hancock, Senthil Kumar, Akhila Mallipedhi & Sam Rice
- EP97** Graves' disease with fluctuating thyroid status and hypothyroidism with positive anti-TSH receptor antibody levels - distinctive autoimmune side-effects following alemtuzumab therapy for multiple sclerosis
Nadia Pariani, Mark Willis, Iliara Muller, Sarah Healy, Taha Nasser, Joanne Jones, V. Krishna K. Chatterjee, Colin Dayan, Neil Robertson, Alasdair Coles & Carla Moran
- EP98** Thyrotoxic periodic paralysis, and a high carbohydrate diet; an unusual presentation in a Caucasian male
Rahat Ali Tauni, Rameez Arif & Shiu-Ching Soo
- EP99** Vomiting as harbinger for Graves' disease
Emanuela Bejinariu, Ritwik Banerjee & Shiu-Ching Soo
- EP100** Sole metastatic spread from a renal cell carcinoma presenting as a goitre 6 years following renal cell carcinoma
Rachel Livingstone & Russell Drummond
- EP101** The curious case of thyroid dysfunction and the monoclonal antibody
Faisal Hasan, Irfan Khan & A P Lambert
- EP102** Thyrotoxic periodic paralysis in a Nigerian male
Artemis Vogazianou, Triona O'Shea, Penny Hyatt, Chidambaram Nethaji & Anukul Garg
- EP103** Thyrotoxicosis with ocular myasthenia - a case report
Meghana Patel & Narayana Prasad Pothina
- EP104** An unusual case of resistance to thyroid hormone (RTH) behaving as TSH secreting pituitary adenoma (TSHoma)
Sajjad Ahmad & Anthony Dixon
- EP105** Normal neurodevelopment of children from a mother treated with only liothyronine (T3) during pregnancy - a case report
Sidrah Khan & Trevor Wheatley
- EP106** A challenging case of thyroid storm
Azmi Mohammed, Ashwin Joshi & Nimantha De-Alwis
- EP107** Case report of Graves' disease with medium vessel vasculitis on biopsy
Akinyele Akinlade & Ehiage Anaba

POSTERS

- EP108** Transient thyrotoxicosis following external beam radiotherapy to the neck
Ritwika Mallik, Swarupini Ponnampalam & James Ahlquist
- EP109** The night when a floppy Chinese lad almost died due to his thyroid
Jawad Bashir, David Price, Irfan Khan & Tamar Saeed
- EP110** A case of undetectable thyroid hormones
Samantha Hayes, Lucy Hawkins, David Halsall & Supriya Joshi
- EP111** 'Off legs' in a 30-year-old: a Grave concern?
Ming-May Chung, Anne Yingchol de Bray, Amar Puttana & Parijat De
- EP112** A lady with psycho-affective symptoms due to Hashimoto's encephalopathy
Jawad Bashir, David Price, Irfan Khan & Tamar Saeed
- EP113** A big price for a little mistake: similar presentations but diverse management of thyroid storm. Use of extracorporeal membrane oxygenation (ECMO) in hyperthyroidism related cardiomyopathy
Mawara Iftikhar & Anna Crown
- EP114** Thymic hyperplasia in Graves' disease - case presentation and review of current literature
Alex Lewis & Kelly Cheer
- EP115** Could a stitch in time save nine?
Rodica Chelmenciuc, Grace Cooper & Raj Tanday
- EP116** Can myxedema coma be managed in a ward? A complicated case of myxedema with peg feeding
Fareha Najeed Mohideen Bawa & Yahya Mahgoub

Posters will be displayed on Monday - Wednesday in the Exhibition Hall, Auditorium 1.
Odd-numbered posters will be attended on **Monday 7 November** and even-numbered posters on **Tuesday 8 November** during lunch time **13:00-14:15**

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INDUSTRY SPONSORED SATELLITE SYMPOSIA

MONDAY 7 NOVEMBER

Industry-sponsored Satellite Symposium
13.15-14:15
SYNDICATE 1

SHIRE SATELLITE: OPTIMISING THERAPY: A PATIENT-CENTRED APPROACH TO THE TREATMENT OF ADRENAL INSUFFICIENCY

Chair: Robert Murray (Leeds)

A Shire sponsored satellite symposium

Adrenal insufficiency: Benefits of a patient-centred approach
Robert Murray (Leeds)

Patient education, treatment concerns and non-adherence: the need for change in adrenal insufficiency
Sofia Llahana (London)

Glucocorticoid replacement therapy: challenges, controversies, and strategies
Deirdre Maguire (Harrogate)



Industry-sponsored Satellite Symposium
13.15-14:15
SYNDICATE 3

BESINS SATELLITE: THE TESTOSTERONE DEBATES 2016

Chair: Francesca Swords

A Besins sponsored satellite symposium

Is testosterone good or bad for the heart?

For the motion that testosterone is good for the heart
Hugh Jones (Barnsley)

Against the motion that testosterone is good for the heart
Channa Jayasena (London)

All symptomatic men with serum T<10nmol/l should receive replacement therapy

For the motion
Adrian Heald (Crewe)

Against the motion
Pierre Bouloux (London)



INDUSTRY SPONSORED SATELLITE SYMPOSIA

TUESDAY 8 NOVEMBER

Industry-sponsored Satellite Symposium
13:00-14:00
SYNDICATE 1

PFIZER SATELLITE: ADOLESCENTS & YOUNG ADULTS: MORE THAN JUST HORMONES!

Chair: Helen Simpson (Cambridge)

A Pfizer Ltd sponsored satellite symposium

What young people tell us?
Helena Gleeson (Birmingham)

Filling the Training Gap
Kelly Cheer (Manchester)

National Audit of Transition in Endocrinology meets NICE guidance
Paul Dimitri (Sheffield)

Panel discussion
All



WEDNESDAY 9 NOVEMBER

Industry-sponsored Satellite Symposium
13:30-14:30
SYNDICATE 3

IPSEN SATELLITE: PERSONALISED MANAGEMENT OF ACROMEGALY

Chair: Mark Gurnell (Cambridge)

An Ipsen sponsored satellite symposium

Biochemical control - which targets should we be aiming for?
Aled Rees (Cardiff)

Comorbidities - it's not just about the numbers
Miles Levy (Leicester)

Met-PET/MRI guided management - which patients should we refer?
Mark Gurnell (Cambridge)



EXHIBITION

Plan



EXHIBITION

Opening times & key

OPENING TIMES

An exhibition of related products, services and technologies is being held in the Exhibition Hall throughout the conference. This provides delegates with an excellent opportunity to interact with industry and to familiarise themselves with the latest advances in technology and therapeutics.

Please note that the exhibition opening times are as follows:

Monday 7 November 09:00 – 21:00

Tuesday 8 November 09:30 – 16:45

Wednesday 9 November 09:30 – 15:00 (no access to the exhibition hall after 15:00)

The companies listed on the following pages will be exhibiting their products during the conference and welcome you to their stand. Please see the opposite page for the floor plan.

PLAN KEY

| STAND(S) | EXHIBITOR |
|----------|--|
| A10/1 | Addison's Disease Self Help Group |
| A10/2 | Hypopara UK |
| A20/1 | CAH Support Group |
| A20/2 | dsdfamilies |
| A30/1 | Turner Syndrome Support Society |
| A30/2 | The Klinefelter's Syndrome Association |
| A40/1 | The Association for Multiple Endocrine Neoplasia Disorders (AMEND) |
| A40/2 | ACC Support UK |
| A50/1 | The Pituitary Foundation |
| A50/2 | British Thyroid Foundation |
| A60/2 | ALD Life |
| B10 | Novartis/Sandoz |
| B20 | Internis Pharmaceuticals Ltd |
| B30 | Strongbridge Biopharma |

| STAND(S) | EXHIBITOR |
|----------|--|
| B40 | Besins Healthcare |
| B50/B60 | HRA Pharma |
| B70 | Novo Nordisk |
| C10 | Kyowa Kirin International PLC |
| C20 | Alexion |
| C30 | Ferring |
| C40 | Literature and Information |
| C50 | Ipsen |
| C60 | International Society of Endocrinology |
| D10 | Lilly |
| D20 | Merck |
| D30 | Imaging Equipment Limited |
| D40/D50 | Bioscientifica |
| D60/D70 | Society for Endocrinology |
| E20 | Shire |
| E30 | Pfizer |

EXHIBITION

Exhibitors

ACC SUPPORT UK

Stand **A40/2**

ACC Support UK is a joint venture between AMEND and the NET Patient Foundation which aims to provide information resources and support services to all those affected by adrenocortical cancer. Free resources are developed with help from expert medical advisors. ACC Support UK's free 2016 patient event is to be held in association with the ENS@T meeting on Saturday 26 November in Birmingham.

www.accsupport.org.uk



ADDISON'S DISEASE SELF HELP GROUP

Stand **A10/1**

Addison's is a rare, endocrine condition where the adrenal glands cease to produce certain hormones essential for life. Continuous, daily treatment with replacement steroid hormones is required and medication must be taken several times a day at carefully timed intervals. With the right balance of daily medication, and good medical support, most people can lead long and active lives. However, they are also likely to need emergency medical treatment to prevent a near-death adrenal crisis at some stage.

First founded in 1984 The Addison's Disease Self-Help Group is a registered charity: no. 1106791. We work to support people with adrenal failure and their families and to raise medical awareness of this rare, endocrine condition. The group publishes a quarterly newsletter, runs an electronic discussion group, holds an annual medical lecture, regional seminars and social meetings.

A range of patient education materials are available on the website: www.addisons.org.uk



ALD LIFE

Stand **A60/2**

ALD Life provides practical, emotional and financial support for patients with adrenoleukodystrophy (ALD) and adrenomyeloneuropathy (AMN), their families and carers. We work collaboratively with researchers and medical professionals to develop and ensure best practice in the treatment and care of patients with ALD and AMN.

ALD is an often misdiagnosed, rare, terminal, X-linked genetic, metabolic disorder caused by a faulty/missing ABCD1 gene. ALD is not a disease of developmental delay and affects males of all ages, most



EXHIBITION

Exhibitors

notably young boys: those with the gene show no initial problems and thrive alongside peers, until symptoms show. Those males that reach adulthood will develop AMN, a lesser phenotype of ALD causing mild to severe mobility issues: of these 30% will develop terminal cerebral ALD. The majority of males initially develop primary idiopathic adrenal insufficiency, a key indicator for ALD.

ALD and AMN cause far reaching consequences and families/carers have to manage a range of difficulties including sudden loss of ability (sight, speech, movement, swallowing), bereavement, harrowing medical treatments, emotional trauma, acquired disability, job loss and home adaptations.

Although there is no treatment to stop AMN developing, terminal cerebral ALD can be prevented with bone marrow transplant provided a patient has been diagnosed correctly and monitored regularly. Once symptoms become apparent this treatment is not viable.

A key objective for ALD Life is to ensure all relevant adrenal insufficiency diagnoses are checked for ALD, particularly in adult males.

www.aldlife.org

ALEXION

Stand **C20**

Alexion is a global biopharmaceutical company focused on developing and delivering life-transforming therapies for patients with devastating and rare diseases. Patients with these life-threatening diseases often have no effective treatment options, and they and their families suffer with little hope. Our goal is to deliver medical breakthroughs where none currently exist. We are driven because we know people's lives depend on our work.

www.alexion.com



ASSOCIATION OF MULTIPLE ENDOCRINE NEOPLASIA DISORDERS (AMEND)

Stand **A40/1**

A UK-registered charity since 2003, AMEND provides information and support services to families affected by the rare genetic cancer syndromes, multiple endocrine neoplasia (MEN). MEN disorders predispose sufferers to developing tumours or cancers in more than one gland of the body. Children of affected parents have a 50% chance of inheriting the condition. AMEND provides free email and telephone support including psychological counselling, runs



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information events, produces information resources for adults and children, and awards grants for research into the conditions. Further information on can be found on our HONCode certified website at www.amend.org.uk

BESINS HEALTHCARE

Stand B40

Besins Healthcare is a pharmaceutical company specialising in the development of innovative drugs for the well-being of men and women throughout their life.

Over the last 30 years, Besins has established a strong and reputable name in the production of drugs for the treatment of gynaecological, fertility and obstetrical conditions as well as androgen deficiency and has become a renowned player in the area of hormonal therapies.

Besins global commercial operations is based in the UK and our drugs are distributed in more than 90 countries via subsidiary companies (Besins affiliates) as well as a network of business partners. Besins is actively pursuing new growth opportunities through acquisition and expansion into new territories, bringing significant growth over the coming years.

Besins products are manufactured in a number of countries including France, Belgium and Spain.

To ensure we meet the needs of tomorrow, Besins has two primary research and development facilities across the globe. One of our research facilities is Laboratories Besins International, located in France, the other is BHR Pharma, USA, which is an affiliate of Ascend Therapeutics, Inc. www.besins-healthcare.com

www.besins-healthcare.com



BIOSCIENTIFICA

Stand D40/D50

Bioscientifica collaborates with learned societies worldwide to provide high-quality publishing, association management and events services to the biomedical community. Bioscientifica publishes the Society's official journals: *Journal of Endocrinology*, *Journal of Molecular Endocrinology*, *Endocrine-Related Cancer*, *Endocrine Connections* and *Endocrinology, Diabetes & Metabolism Case Reports*, among other titles. Visit our stand to: Find out about how the SfE journals directly facilitate the work of the Society. Learn about exclusive publishing discounts for SfE members. Play our 'Matching Pairs' game to be in with a chance of winning an endocrine plushie!



EXHIBITION

Exhibitors

Find out about our Practical Publishing Advice Workshop delivered by Editorial Board members and journal representatives. Pick up a cover art postcard with information about our cover art competition, view our cover art gallery and create your own fun journal cover souvenir. Bioscientifica is owned by the Society for Endocrinology, and invests all profits in partner societies to help advance biomedical education, research and practice ... profit for good.

Bioscientifica, 22 Apex Court, Woodlands
Bradley Stoke, Bristol, BS32 4JT, UK
www.bioscientifica.com

BRITISH THYROID FOUNDATION

Stand A50/2

The British Thyroid Foundation is 25 years old this year and has been providing support, information and research funding since its launch at the SfE BES meeting in Harrogate in 1992. Our 2017 Research Award provides funding of £20,000 and the value of our two Nurse Awards is £500/£1000. Visit our stand to find out more about our work and current campaigns.

www.btf-thyroid.org



THE CAH SUPPORT GROUP

Stand A20/1

The CAH Support Group was set up to help families affected by CAH approximately 20 years ago. It is a sub group of CLIMB (Children Living with Inherited MetaBolic diseases), registered charity no: 1089588.

Our aims are:

- To give support to those with CAH and their families
- To increase awareness of the condition to the public and to the medical profession
- To raise funds to support research.

We hold conferences at regular intervals and a newsletter is sent out 3 times a year. Our key to success is getting information to where it is required as soon as possible after the need is recognised; i.e. at diagnosis.

www.livingwithcah.com



EXHIBITION

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DSD FAMILIES

Stand A20/2

dsdfamilies is a resource for those who want to know more about differences/ disorders of sex development (DSD). DSD is a large family of conditions which affect kids in many different ways, and often involve the development of the reproductive organs and genitals.

Our main objective is to help families understand their child's condition, supporting them to raise their children to become confident and happy young people. dsdfamilies, encompassing dsdteens.org, is now transforming into a charity and is looking to further develop its portfolio of work in consultation with children, young people, families and healthcare professionals.

www.dsdfamilies.org | www.dsdteens.org | info@dsdfamilies.org



FERRING

Stand C30

Ferring Pharmaceuticals is a multi-national company with corporate headquarters in Saint-Prex Switzerland. The organisation's marketing, medical services and sales teams operate in more than 50 countries and employ over 4000 people throughout the world.

Ferring's portfolio demonstrates an exceptionally innovative and successful track record in endocrinology, reproductive health – infertility and obstetrics, urology, gastroenterology, oncology and men's health.

Ferring is a world leader in the research and development of peptides and hormone therapies, focusing on producing treatments that enable doctors to treat patients on the body's own terms.

Ferring Pharmaceuticals Ltd, Drayton Hall, Church Road, West Drayton UB7 7PS (Tel: 0208 580 4100, Fax: 0844 9310057)

www.ferring.co.uk



HRA PHARMA

Stand B50/B60

HRA Pharma has been a significant presence in the niche area of Adrenal Cortical Carcinoma since 2004, providing a standard therapy for this serious condition and a free of charge drug monitoring service to support clinician in optimising its use.

HRA Pharma has more recently become a significant player in the field of Cushing's Syndrome investing in two well established but key



EXHIBITION

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treatment entities to further enhance its standing in the endocrine arena.

HRA Pharma is currently investing in research for this disorder with a view to expanding the current knowledge base and optimising patient management.

www.hra-pharma.com

HYPOPARA UK

Stand A10/2

Hypopara UK is the national patient organisation dedicated to supporting people with all parathyroid conditions and to improving the diagnosis, prevention and treatment of all forms of hypoparathyroidism and hyperparathyroidism.

We offer support and information to empower patients and their families to become involved and active in the management of their condition through our website, leaflets, online forums and telephone helplines. To increase a global awareness of hypopara we have established a World Hypopara Awareness Day (June 1st); we work closely with organisations around the world and have founded new ones. This year, we have met with European hypopara groups in London to discuss a European Hypopara Alliance.

We have contributed to the BTA guideline for the 'Management of Thyroid Cancer' Guidelines 2014 and the ESE guideline on the 'Treatment Chronic Hypoparathyroidism' 2015. We are working with BAETS to produce patient information. We work closely with our fantastic Clinical Advisory Team in the UK, a nationwide group of renowned endocrinologists with a particular interest in calcium homeostasis and bone metabolism, to raise awareness, develop new protocols and advance research into more effective treatment.

www.hypopara.org.uk



IMAGING EQUIPMENT LIMITED (IEL)

Stand D30

Imaging Equipment Limited (IEL) is extremely proud to be representing such global market leaders in the Nuclear Medicine arena as; Advanced Accelerator Applications (AAA)*, Cyclomedica, Eckert and Ziegler, ROTOP and Tema Sinergie, thus being able to accurately match customers' requirements and build packages that meet both their technical specifications and budgetary demands. IEL's team of specialist Nuclear Medicine sales consultants, supported by a dedicated and experienced technical team, provide a personal and



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high-quality customer service across the UK and Ireland.

**Imaging Equipment Limited is owned by Advanced Accelerator Applications PLC (AAA) of Geneva, Switzerland NASDAQ: AAAP.*

www.imagingequipment.co.uk

INTERNATIONAL SOCIETY OF ENDOCRINOLOGY

Stand C60

Since its foundation in 1960, the International Society of Endocrinology (ISE) has pursued the worldwide advancement of education, science and patient care in Endocrinology.

Today the society forms a strategic federation of National Endocrine Societies which aims to stimulate international cooperation and co-ordinate scientific exchange, debate and dissemination between healthcare professionals around the world.

ISE's current membership comprises over 70 national endocrinology societies, representing nearly 50,000 endocrinologists worldwide. The flagship of the ISE remains its International Congress (<http://isendo.org/events.html>), held in rotation every two years in partnership with one of its National Societies across The Americas, Europe/Africa and Asia/Oceania.

<http://isendo.org>



INTERNIS

Stand B20

Founded in 2010, Internis is a UK speciality pharmaceutical company engaged in the development and commercialisation of highly effective and innovative new medicines aimed at the treatment and prevention of a range of common bone disorders, such as osteoporosis and vitamin D3 deficiency.

www.internisvitd3.com



IPSEN

Stand C50

Ipsen is committed to endocrine disorders with therapies to treat pituitary diseases (acromegaly), growth disorders (growth hormone and IGF-1 deficiencies) or other endocrine diseases (such as precocious puberty). Our ambition is to become a recognized and unique partner in patient program management and provide innovative resources. Many patients living with acromegaly



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experience substantial pain and discomfort, which affects sleep, family life, and their ability to work. Early diagnosis, effective treatment and frequent monitoring are critical for improving clinical symptoms and outcomes of the disease. Ipsen continues to work on solutions that will improve the quality of life of patients living with acromegaly. The Group is currently developing extended-release formulations of Somatuline that would enable patients to have fewer injections. As part of its mission to be a global advocate for patients affected by rare endocrine disorders, Ipsen is engaged with patient groups, key scientific leaders, medical societies and institutions to develop educational projects and initiatives that help physicians manage the treatment of these conditions worldwide. The Group is also involved in supporting the development of networks of experts to promote international dialog between specialists, including several initiatives with the European Society of Endocrinology.

www.ipsen.co.uk

KLINFELTER'S SYNDROME ASSOCIATION (KSA)

Stand A30/2

The Klinefelter's Syndrome Association (KSA) works to raise awareness of XXY/KS amongst GPs and society generally.

The KSA is run entirely by volunteers with members from across the world! It supports all affected by XXY/KS - including family, friends, employers. It is concerned that there are few but conflicting reports regarding the effect of testosterone on osteoporosis, fatigue and lack of muscle in XXY/KS adults. Gender issues are rarely considered.

The KSA hosts an annual conference, Facebook pages and an excellent website: ksa-uk.net. It runs Activity Weekends and Members' Meetings.

Free membership for health professionals is available at the KSA stand at SFE BES 2016, contact chair@ksa-uk.net or visit our website

www.ksa-uk.net



KYOWA KIRIN LIMITED

Stand C10

Kyowa Kirin Limited is a specialty pharmaceutical company engaged in the development and commercialisation of prescription medicines for the treatment of unmet therapeutic needs in major markets. Headquartered in Galashiels, Scotland, it is a subsidiary of Kyowa Hakko Kirin Co., Ltd., the Japan-based global

KYOWA KIRIN

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specialty pharmaceutical company. Sales and marketing of its portfolio of products are handled by commercial subsidiaries in the UK, US, France, Germany, Spain, Italy and other EU countries.

www.kyowa-kirin.com

LILLY

Stand D10

Lilly UK provides research and development, manufacturing and commercial operations on behalf of Eli Lilly & Company a major US pharmaceutical manufacturer. As one of the top UK pharmaceutical companies, Lilly is dedicated to creating and delivering innovative pharmaceutical health care solutions that enable people to live longer, healthier and more active lives. Lilly's research priorities are aligned with significant UK health needs including diabetes, heart disease, mental health, cancer and erectile dysfunction. Lilly's focus is on developing personalised, tailored therapies, using the latest scientific advances.

www.lilly.co.uk



MERCK

Stand D20

Merck is a leading science and technology company in healthcare, life science and performance materials. Around 50,000 employees work to further develop technologies that improve and enhance life - from biopharmaceutical therapies to treat cancer or multiple sclerosis, cutting-edge systems for scientific research and production, to liquid crystals for smartphones and LCD televisions.

Founded in 1668, Merck is the world's oldest pharmaceutical and chemical company. The founding family remains the majority owner of the publicly listed corporate group. Merck, Darmstadt, Germany holds the global rights to the Merck name and brand. The only exceptions are the United States and Canada, where the company operates as EMD Serono, MilliporeSigma and EMD Performance Materials.

www.merckserono.co.uk



NOVARTIS ONCOLOGY/ SANDOZ BIOPHARMACEUTICALS

Stand B10

Novartis Oncology strives to become the world's premier oncology company by consistently discovering, developing and making




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broadly available novel therapies that help to improve and extend the lives of patients living with cancer and blood disorders.

Supporting oncology healthcare professionals starts with understanding that cancer and blood disorders are a complex group of diseases fuelled by many underlying mechanisms. Research and development (R&D) at Novartis utilises recent discoveries in molecular genomics, rational drug design and state-of-the-art drug discovery technologies. To support these efforts, the company makes considerable investments in technologies and expertise both internally and externally.

Novartis is committed to providing patients with access to its therapies. Providing access to cancer treatments is complex, demanding collaboration with industry, government, national health services, insurers, physicians and patient groups. Novartis works with these groups around the world to find innovative means to enhance access.

www.novartis.com

Sandoz Biopharmaceuticals is a Novartis company and a pioneer in the development of Biosimilar therapeutics, with a vision to dramatically increase worldwide patient access to essential high-quality biopharmaceutical products.

Sandoz was the first company to have a biosimilar approved through the stringent EU regulatory pathway, closely followed by two more biosimilars. By incorporating quality by design with state of the art technology, Sandoz Biopharmaceuticals is committed to helping make quality healthcare affordable for more patients and to slow the increase in escalating global healthcare costs.

www.sandoz.com

NOVO NORDISK

Stand B70

Novo Nordisk is a global healthcare company with more than 90 years of innovation and leadership in diabetes care. This heritage has given us experience and capabilities that also enable us to help people defeat other serious chronic conditions: haemophilia, growth disorders and obesity. Headquartered in Denmark, Novo Nordisk employs approximately 41,000 people in 75 countries and markets its products in more than 180 countries. For more information, visit www.novonordisk.co.uk.



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PFIZER

Stand **E30**

Pfizer is, one of the world's premier innovative biopharmaceutical companies, discovering, developing and providing over 100 different medicines, vaccines and consumer healthcare products that help save and transform the lives of millions of people in the UK and around the world every year.

For more than 25 years, Pfizer Endocrine Care has been committed to the advancement of endocrinology. This is demonstrated by our innovations in endocrine care: Pfizer UK was the first company to launch single-dose and multi-dose growth hormone (GH) delivery devices; it has built up the largest international databases of patients receiving GH therapy; and it produces the first and only GH receptor antagonist for the treatment of acromegaly.

The Society for Endocrinology has agreed a new two-year partnership with Pfizer. The agreement is first of its kind for the Society, and aims to deliver maximum benefit to both organisations and the broader aim of advancing endocrinology.

www.pfizer.co.uk

THE PITUITARY FOUNDATION

Stand **A50/1**

The Pituitary Foundation is a national charity working in the United Kingdom and Republic of Ireland, supporting pituitary patients, their families and friends.

Our aims are to offer support through the pituitary journey, provide information to the community, and act as the patient voice to raise awareness and improve services

www.pituitary.org.uk

SHIRE

Stand **E20**

Shire enables people with life altering-conditions to lead better lives. We focus on developing treatments for conditions where the impact of our medicines can make an immediate and tangible difference for patients. We provide treatments in Neuroscience, Rare Diseases, Gastrointestinal and Internal Medicine.

www.shirepharmaceuticals.co.uk



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SOCIETY FOR ENDOCRINOLOGY

Stand **D60/D70**

The Society for Endocrinology serves as a world-leading voice of endocrinology representing a global community of scientists, clinicians and nurses who work with hormones. Together we work to improve public health by advancing and leading the way in endocrine education and research, and engaging wider audiences with the science of hormones. Come and visit us at the stand (D60/D70) where you can find out more about joining as a member, renew your membership, change your Endocrine Network preferences and get information on the grants, events and funding opportunities available to you as a member.

www.endocrinology.org

STRONGBRIDGE BIOPHARMA

Stand **B30**

Strongbridge Biopharma is a biopharmaceutical company focused on bridging treatment gaps in rare diseases, initially in endocrine disorders. COR-003 is the lead product candidate, being evaluated for endogenous Cushing's syndrome in the SONICS trial.

www.strongbridgebio.com

TURNER SYNDROME SUPPORT SOCIETY (TSS)

Stand **A30/1**

The TSSS aims to offer support, social contact and information on all aspects of Turner syndrome to girls and women with TS and their families. The Society also works closely with health professionals involved in the care of those with TS especially members of the Society of Endocrinology.

Please visit the TSSS stand at any time during the conference to collect the wide range of information the Society has to offer.

www.tss.org.uk



PATIENT SUPPORT GROUPS

The Society for Endocrinology is pleased to be able to promote the following Patient Support groups, many of which have stands in the SfE BES 2016 Exhibition.

Addison's Disease Self Help Group (Exhibiting)

www.addisons.org.uk

ACC Support UK (Exhibiting)

www.accsupport.org.uk

ALD Life (Exhibiting)

www.aldlife.org

Androgen Insensitivity Syndrome Support Group

www.aissg.org

Anorchidism Support Group

www.asg4u.org

Association for Multiple Endocrine Neoplasia Disorders (Exhibiting)

www.amend.org.uk

British Thyroid Foundation (Exhibiting)

www.btf-thyroid.org

Butterfly Thyroid Cancer Trust

www.butterfly.org.uk

CAH Support Group (Exhibiting)

www.livingwithcah.com

Child Growth Foundation

www.childgrowthfoundation.org

d sdfamilies (Exhibiting)

www.dsdfamilies.org

FIPA Patients

www.fipapatient.org

Gender Trust

www.gendertrust.org.uk

Hypopara UK (Exhibiting)

www.hypopara.org.uk

Kallmann Syndrome Organisation

www.kallmanns.org

Klinefelter Organisation

www.klinefelter.org.uk

Klinefelter's Syndrome Association UK (Exhibiting)

www.ksa-uk.net

National Association For Premenstrual Syndrome

www.pms.org.uk

Net patient Foundation

www.netpatientfoundation.com

Paget's Association

www.paget.org.uk

Pituitary Foundation (Exhibiting)

www.pituitary.org.uk

Prader-Willi Syndrome Association

www.pwsa.co.uk

Sexual Advice Association

www.sda.uk.net

Thyroid Eye Disease Charitable Trust

www.tedct.co.uk

Turner Syndrome Support Society (Exhibiting)

www.tss.org.uk

Verity (PCOS)

www.verity-pcos.org.uk

SOCIAL MEDIA AND PHOTOGRAPHY

SOCIAL MEDIA

The Society for Endocrinology welcomes the use of social media at its conferences and events.

To ensure that the needs of all parties are met, we ask that delegates using social media comply with the following policy:

Use of social media

Delegates are encouraged to Tweet about the conference using the hashtag **#SfEBES2016**.

If you plan to blog from the conference, we respectfully ask you to inform us before the conference takes place at

media@endocrinology.org.

We ask that all writers attending the conference gain approval from a speaker/poster presenter prior to quoting or publishing that individual's scientific results on the internet or through other forms of media. This policy applies to both professional writers/journalists and to non-journalists blogging about the conference or otherwise sharing information among a group of individuals.

All speakers/poster presenters will be made aware of this policy and have the right to ask delegates not to disseminate their research online or through other forms of media.

Delegates are asked to respect the wishes of speakers/presenters who make this request.

PHOTOGRAPHY

Please refrain from taking photographs of any session/poster without the prior consent of the conference organisers and the speaker or poster presenter.

Any official photographs taken at the conference may be used by the organisers for promotional purposes. If you have any concerns or queries about this issue, please visit the registration desk or contact Bioscientifica on **+44 (0)1454 642210** or conferences@endocrinology.org.



Join the
CONVERSATION!

www.facebook.com/societyforendocrinology

TWEETING ABOUT
SfE BES 2016?

Remember to use
#SfEBES2016

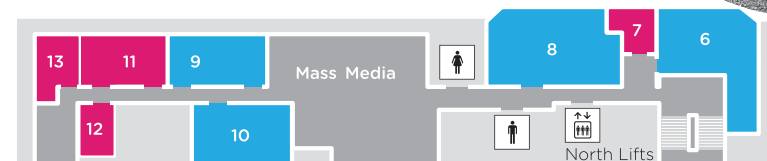
VENUE PLAN



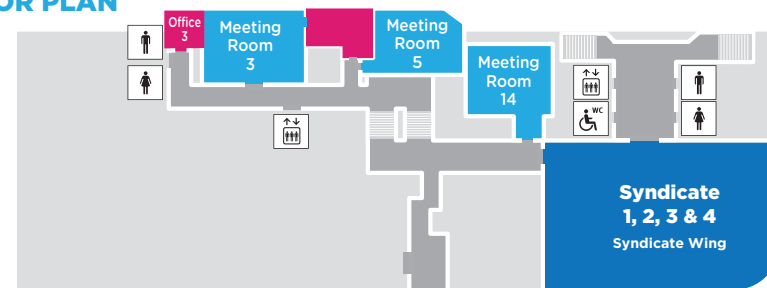
GROUND FLOOR PLAN



THIRD FLOOR PLAN



SECOND FLOOR PLAN



FIRST FLOOR PLAN



ENVIRONMENTAL POLICY

At the Society for Endocrinology we are committed to 'going green' and providing a first-class conference in such a way that we minimise any negative impact on the environment.

Great care has been taken to consider the sustainability issues associated with the conference. Please help us to continue this green initiative by:

- walking and using public transport during your stay in Brighton
- offsetting your travel-related carbon impact (for a list of carbon offset providers, we suggest you visit www.carboncatalog.org).

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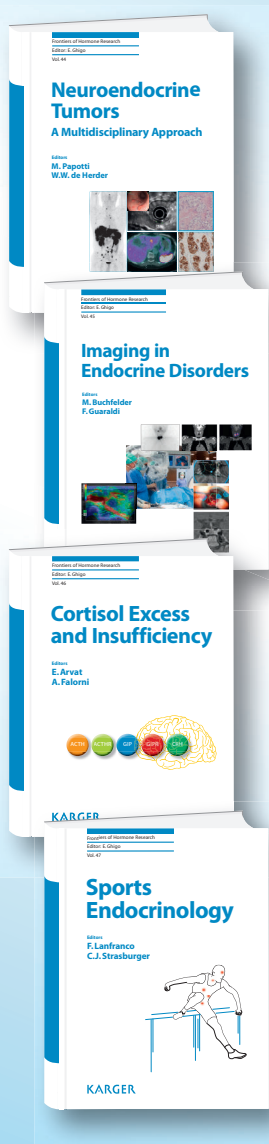
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| 07.00 | 08.00 | 09.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | | |
|---------------|-------|--------------|--|---|---|---|---|--|---|--------------------|---|---|---|-------------------------|--------------------------------------|
| MONDAY | | REGISTRATION | | Symposium 1 CHALLENGES IN PITUITARY DISEASE S1 | MTE 1 EXTRACELLULAR VESICLES IN HEALTH AND DISEASE S3 | LUNCH & POSTER VIEWING A1 | Plenary 1 SOCIETY FOR ENDOCRINOLOGY MEDAL LECTURE Jason Carroll (Cambridge) | Plenary 2 SOCIETY FOR ENDOCRINOLOGY INTERNATIONAL MEDAL LECTURE Mercedes Robledo (Madrid, Spain) | Symposium 4 ADVANCES IN THE GENETIC UNDERSTANDING OF ENDOCRINE DISEASE S1 | TEA & COFFEE A1 | Plenary 3 SOCIETY FOR ENDOCRINOLOGY STARLING MEDAL LECTURE Gareth Lavery (Birmingham) | Plenary 4 SOCIETY FOR ENDOCRINOLOGY DALE MEDAL LECTURE Paul Stewart (Leeds) | Debate THIS HOUSE BELIEVES THAT PREDNISOLONE SHOULD BE THE FIRST LINE OF TREATMENT FOR GLUCOCORTICOID REPLACEMENT IN ADRENAL INSUFFICIENCY A2 | WELCOME RECEPTION A1 | SFE EARLY CAREER DINNER & QUIZ TR |
| | | | Symposium 2 GRAPPLING WITH THE FUTURE OF ANTI-INFLAMMATORY STEROIDS S3 | MTE 2 SFE GUIDELINES ENDOCRINE EFFECTS OF CANCER TREATMENT A2 | Symposium 5 NEW FRONTIERS FOR VITAMIN D S3 | | | | Symposium 6 WHY ENDOCRINOLOGISTS SHOULD PAY ATTENTION TO GUT FEELINGS S4 | | Oral Communications 1 EARLY CAREER A2 | | | | |
| | | | Symposium 3 OSTEOPOROSIS: TRANSLATING THE NEW BONE BIOLOGY A2 | Skills 1 SCE ENDOCRINOLOGY S1 | SHIRE SATELLITE SYMPOSIUM S1 | Oral Communications 1 EARLY CAREER A2 | | | | | | | | | |
| | | | PRACTICAL PUBLISHING ADVICE WORKSHOP S4 | Futures 1 MY FUTURE CAREER IN ENDOCRINOLOGY? S4 | BESINS SATELLITE SYMPOSIUM S3 | | | | | | | | | | |

| 07.00 | 08.00 | 09.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | 18.00 | 19.00 | 20.00 | | |
|----------------|--------------|-----------------|--|---|---|--|--|---|------------------------------|---|--------------------|---|---|-------------------------------------|----------------------------|
| TUESDAY | REGISTRATION | BREAKFAST A1 | Plenary 5 SOCIETY FOR ENDOCRINOLOGY JUBILEE MEDAL LECTURE Steve Bloom (London) | EARLY CAREER ENDOCRINOLOGISTS' PRIZE LECTURES Eleanor Raifan (Cambridge) | EARLY CAREER ENDOCRINOLOGISTS' PRIZE LECTURES CLINICAL Tim Korevaar (The Netherlands) | TEA & COFFEE A1 | Symposium 7 HORMONES THROUGH THE AGES S1 | MTE 3 HOW TO SUPPORT ENDOCRINE PATIENTS IN SPORT S1 | LUNCH & POSTER VIEWING A1 | Symposium 8 THYROID HORMONE: THE JOURNEY FROM CELL SURFACE TO ACTION S3 | TEA & COFFEE A1 | Symposium 9 EXPOSING THE SINS OF OUR FATHERS (AND MOTHERS) S4 | Plenary 6 SOCIETY FOR ENDOCRINOLOGY EUROPEAN MEDAL LECTURE Matthias Tschöpp (Munich, Germany) | Society for Endocrinology AGM A2 | British Airways i360 S3 |
| | | | Clinical Management Workshop 1 ENDOCRINOLOGY AT THE EDGE OF THE REFERENCE RANGE A2 | MTE 4 REAL-TIME METABOLISMS IN CLINICAL SETTINGS S3 | Clinical Management Workshop 2 ADRENAL INSUFFICIENCY AND CAH A2 | Clinical Management Workshop 3 HOW DO I ... A2 | Oral Communications 3 THYROID AND NEOPLASIA S1 | | | | | | | | |
| | | | Early Career Symposium LAUNCHING YOUR CAREER WHATEVER IT MAY BE S3 | MTE 5 NUTRITIONAL SUPPORT POST BARIATRIC SURGERY A2 | Oral Communications 2 NEUROENDOCRINOLOGY AND REPRODUCTION S1 | Oral Communications 4 ADRENAL AND STEROIDS S3 | | | | | | | | | |
| | | | Nurse Session 1 PREPARING FOR ENDOCRINE PREGNANCIES S4 | Futures 2 MAPPING YOUR ROUTE THROUGH THE RESEARCH FUNDING MAZE S4 | Nurse Session 2 MALE FERTILITY - PAEDIATRIC TO ADULT S4 | | Conference Dinner | | | | | | | | |

| 07.00 | 08.00 | 09.00 | 10.00 | 11.00 | 12.00 | 13.00 | 14.00 | 15.00 | 16.00 | 17.00 | | | |
|------------------|--------------|-----------------|---|---|--|--------------------|---|------------------------------|--|--|---|-----------------------|-----------------------|
| WEDNESDAY | REGISTRATION | BREAKFAST A1 | Plenary 7 SOCIETY FOR ENDOCRINOLOGY TRANSATLANTIC MEDAL LECTURE Henry Kronenberg (Boston, USA) | Plenary 8 BRITISH THYROID ASSOCIATION PITTS-RIVERS LECTURE Graham Williams (London) | Symposium 10 CLINICAL THYROIDOLOGY UPDATE A2 | TEA & COFFEE A1 | Symposium 12 NOVEL APPROACHES TO ENDOCRINE NEOPLASIA S4 | LUNCH & POSTER VIEWING A1 | MTE 6 ENDOCRINE DISRUPTORS - FACT OR FICTION? S3 | Plenary 9 CLINICAL ENDOCRINOLOGY TRUST VISITING PROFESSOR LECTURE Martin Reincke (Munich, Germany) | Plenary 10 CLINICAL ENDOCRINOLOGY TRUST LECTURE John Achermann (London) | AWARDS CEREMONY A2 | CLOSING REMARKS A2 |
| | | | Symposium 11 DIABETES MELLITUS - IT'S ALL ABOUT THE BETA CELL, STUPID! S1 | Clinical Management Workshop 4 HOW DO I MANAGE... A2 | MTE 7 A YEAR IN THYROID A2 | | | | | | | | |
| | | | Senior Endocrinologists' Session S4 | Oral Communications 5 DIABETES MELLITUS AND METABOLISM S1 | MTE 8 THE ADOLESCENT WITH DSD S1 | | | | | | | | |
| | | | Applied Physiology Workshop 1 ENDOCRINOLOGY ON SAFARI: USING COMPARATIVE BIOLOGY TO UNRAVEL THE COMPLEXITIES OF ENDOCRINE PHYSIOLOGY S3 | Oral Communications 6 PREGNANCY AND REPRODUCTIVE HEALTH S3 | MTE 9 ILLUMINATING THE ISLETS S4 | | | | | | | | |


- Venue Key**
- A1 Exhibition Hall, Auditorium 1
 - A2 Auditorium 2
 - S1 Syndicate 1
 - S3 Syndicate 3
 - S4 Syndicate 4
 - TR The Restaurant (Third Floor)


- Session Type Key**
- Workshop
 - Symposium
 - Oral Communications
 - Meet the Expert
 - Satellite session
 - Award winners
 - Nurses session
 - Futures
 - Skills
 - Tea & coffee
 - Breakfast / Lunch



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